Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
Data File : FE039631.D
Signal(s) : FID1B.ch
Acq On : 04 Jan 2023 16:32
Operator : YP\AJ
Sample : PB150033BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB150033BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2023
Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
Quant Time: Jan 05 02:35:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
Quant Title : GC Extractables
QLast Update : Sat Dec 17 15:09:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.928	6063803	40.633 ug/ml
Spiked Amount	50.000		Recovery =	81.27%
12) S	1-chlorooctadecane (S...	13.363	4850570	42.143 ug/ml
Spiked Amount	50.000		Recovery =	84.29%
	Target Compounds			
1) T	n-Nonane (C9)	3.324	3663299	28.341 ug/ml
2) T	n-Decane (C10)	4.572	3848037	30.199 ug/ml
3) T	A~Naphthalene (C11.7)	6.273	5031763	34.808 ug/ml
4) T	n-Dodecane (C12)	6.734	4262502	32.833 ug/ml
5) T	A~2-methylnaphthalene...	7.368	4963855	36.652 ug/ml
6) T	n-Tetradecane (C14)	8.562	4438926	33.498 ug/ml
7) T	n-Hexadecane (C16)	10.167	4689375	34.086 ug/ml
8) T	n-Octadecane (C18)	11.609	4883389	34.866 ug/ml
10) T	n-Eicosane (C20)	12.919	4757312	34.850 ug/ml
11) T	n-Heneicosane (C21)	13.530	4693986	34.416 ug/mlm
13) T	n-Docosane (C22)	14.117	4700503	34.748 ug/ml
14) T	n-Tetracosane (C24)	15.214	3799741	28.306 ug/mlm
15) T	n-Hexacosane (C26)	16.241	4506816	34.612 ug/ml
16) T	n-Octacosane (C28)	17.189	4456453	34.626 ug/ml
17) T	n-Tricontane (C30)	18.078	4212585	32.719 ug/mlm
18) T	n-Dotriacontane (C32)	18.910	4111793	31.751 ug/ml
19) T	n-Tetratriacontane (C34)	19.694	3789698	30.038 ug/ml
20) T	n-Hexatriacontane (C36)	20.433	3094618	25.593 ug/mlm
21) T	n-Octatriacontane (C38)	21.170	2497646	20.224 ug/ml
22) T	n-Tetracontane (C40)	22.080	2134779	16.999 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
Data File : FE039631.D
Signal(s) : FID1B.ch
Acq On : 04 Jan 2023 16:32
Operator : YP\AJ
Sample : PB150033BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 05 02:35:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
Quant Title : GC Extractables
QLast Update : Sat Dec 17 15:09:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
PB150033BSD

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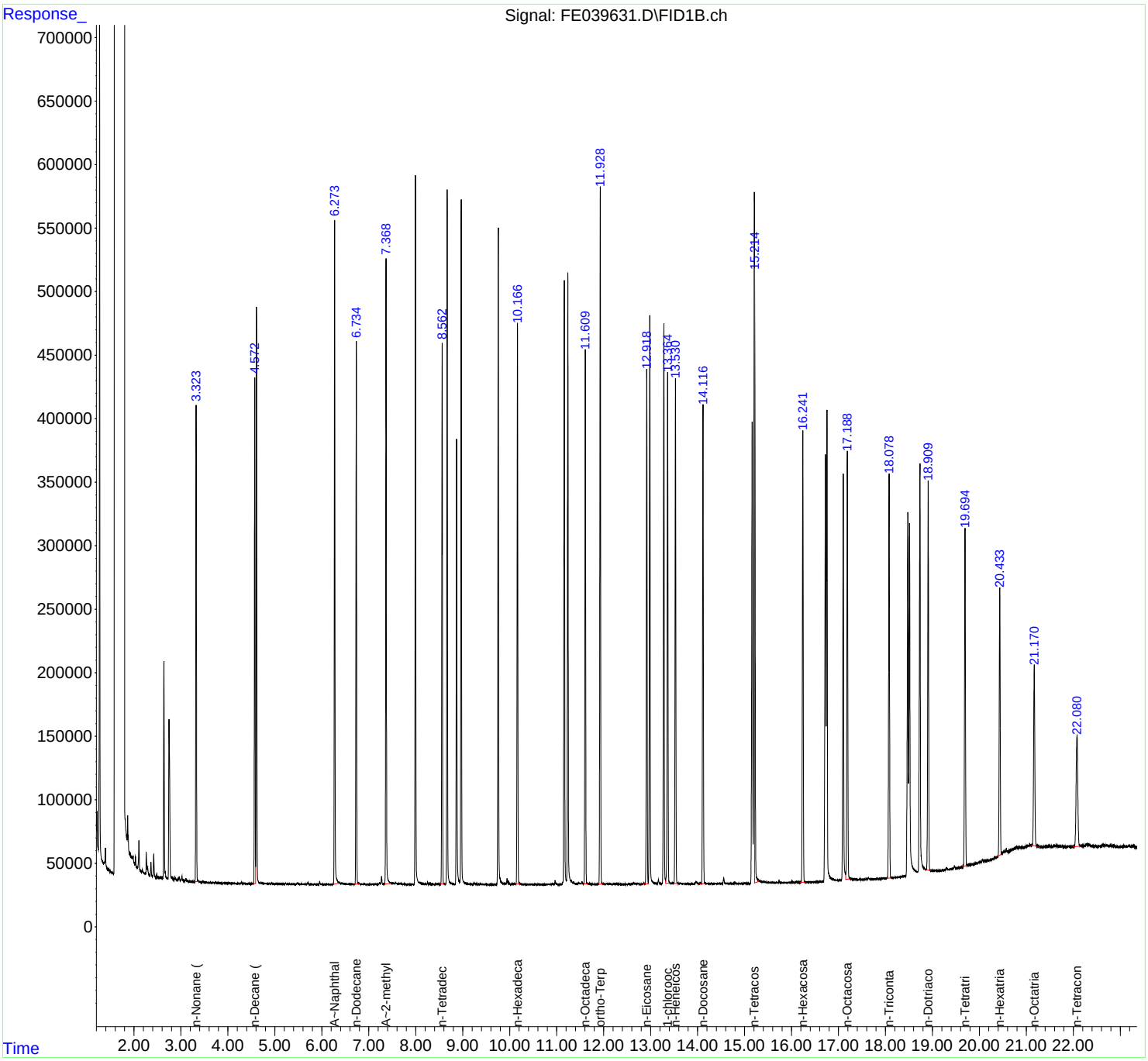

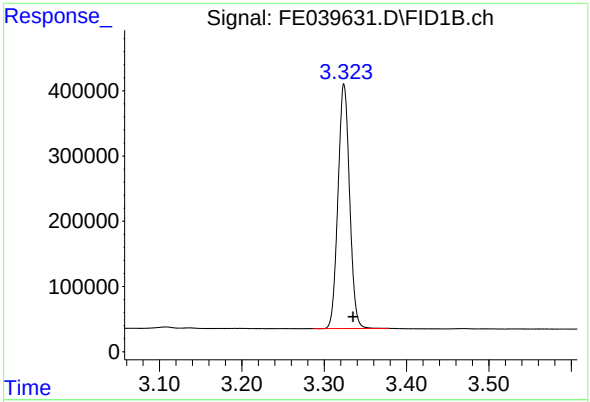

#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.011 min
Response: 3663299
Conc: 28.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150033BSD

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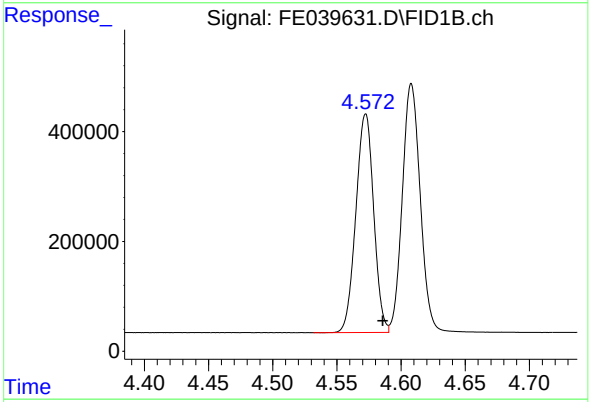
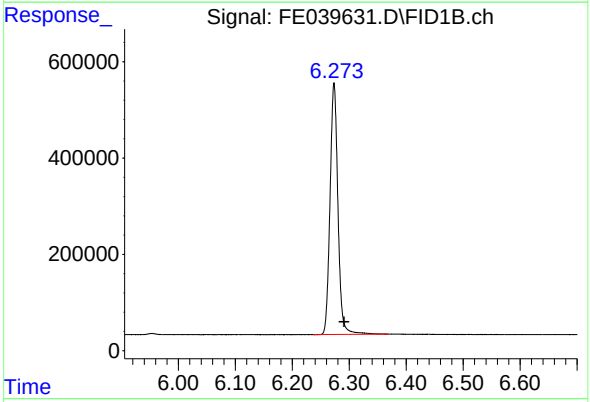


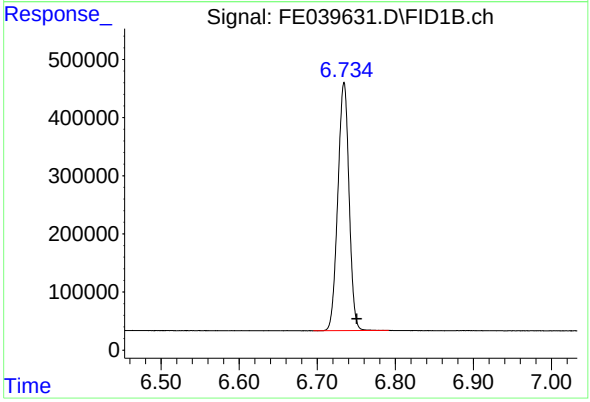
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 3848037
Conc: 30.20 ug/ml



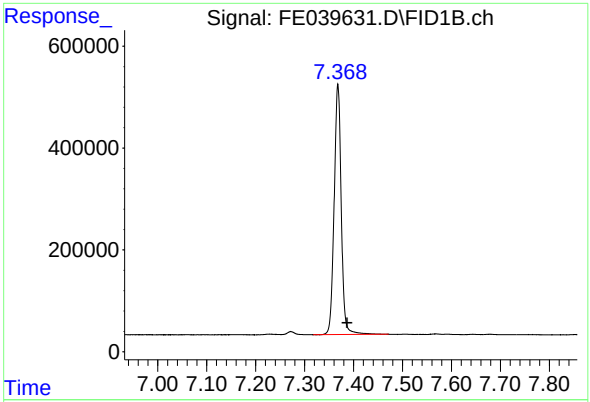
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.017 min
Response: 5031763
Conc: 34.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.016 min
Response: 4262502
Conc: 32.83 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 4963855
Conc: 36.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150033BSD

Manual Integrations
APPROVED

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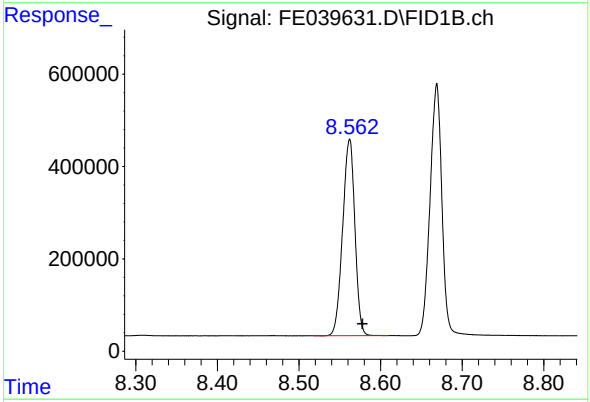
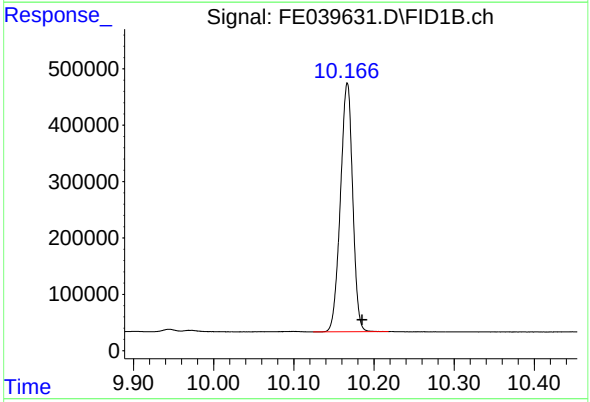


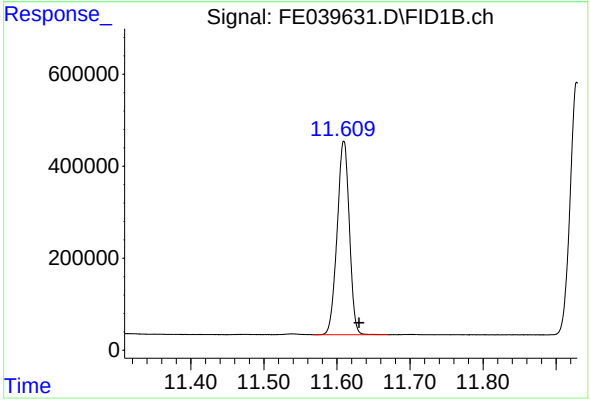
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.016 min
Response: 4438926
Conc: 33.50 ug/ml



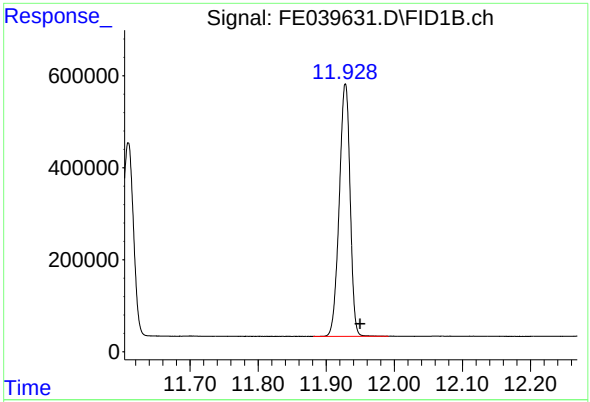
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 4689375
Conc: 34.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.021 min
Response: 4883389
Conc: 34.87 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.022 min
Response: 6063803
Conc: 40.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150033BSD

Manual Integrations APPROVED

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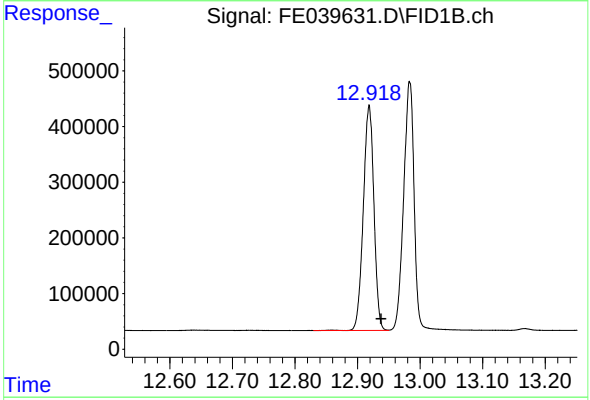
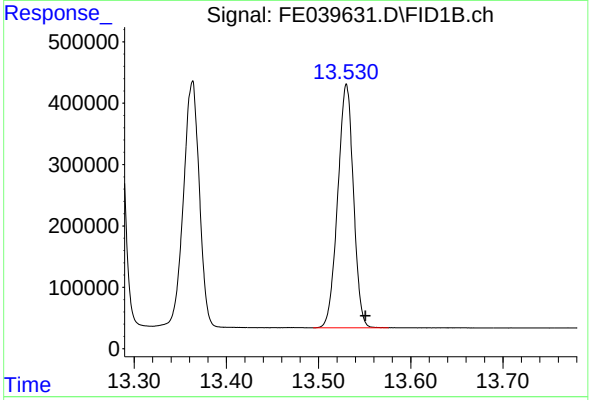


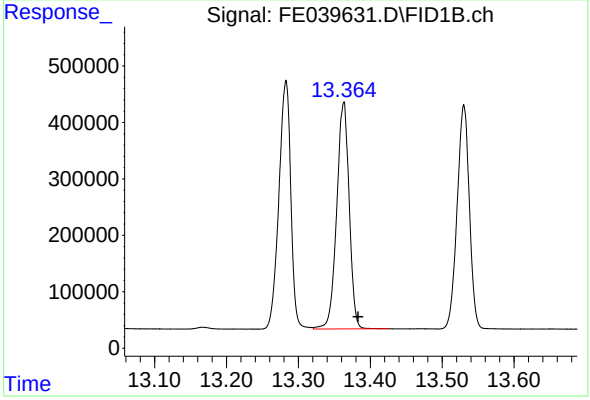
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.019 min
Response: 4757312
Conc: 34.85 ug/ml



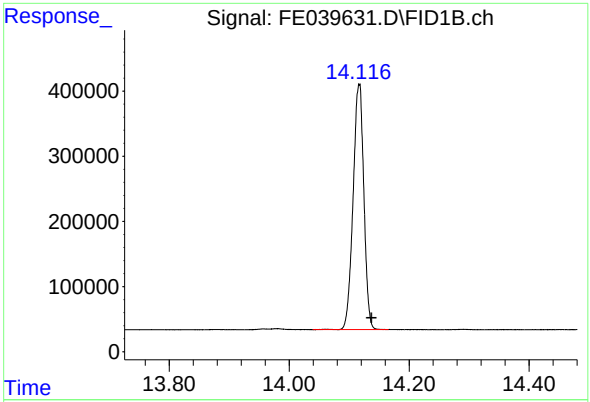
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 4693986
Conc: 34.42 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.020 min
Response: 4850570
Conc: 42.14 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 4700503
Conc: 34.75 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150033BSD

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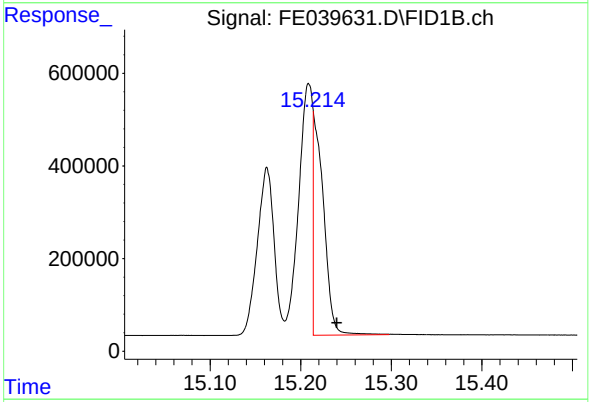
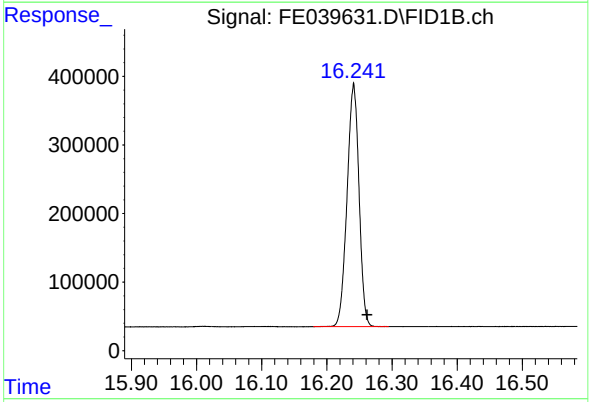


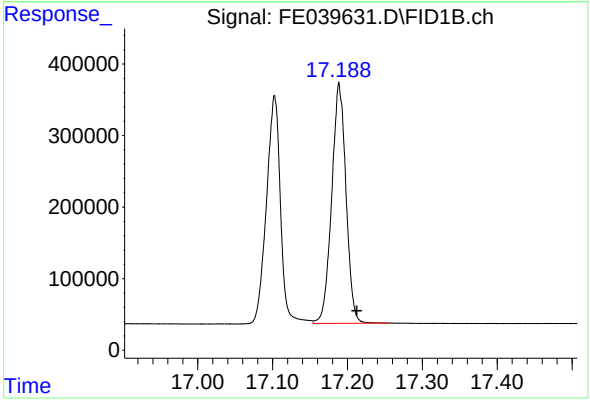
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.026 min
Response: 3799741
Conc: 28.31 ug/ml m



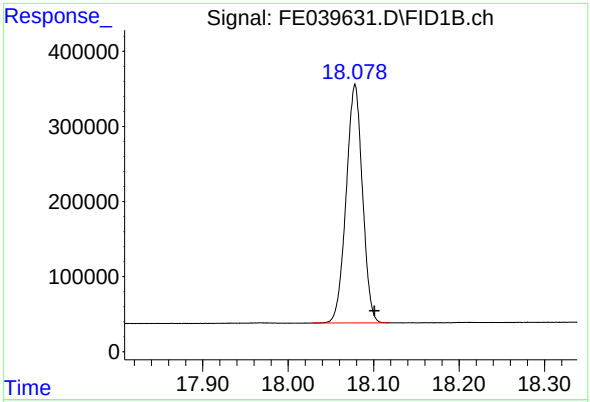
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 4506816
Conc: 34.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.024 min
Response: 4456453
Conc: 34.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 4212585
Conc: 32.72 ug/ml

Instrument :
FID_E
ClientSampleId :
PB150033BSD

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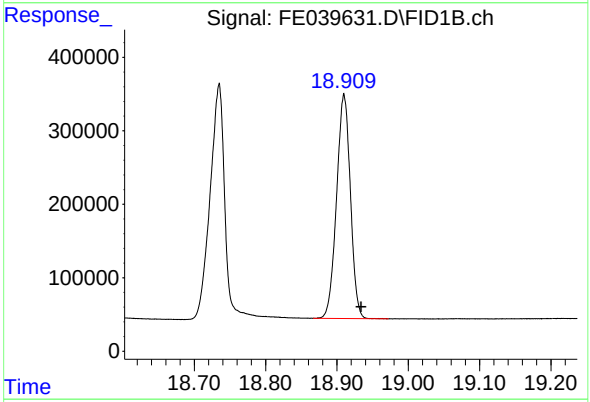
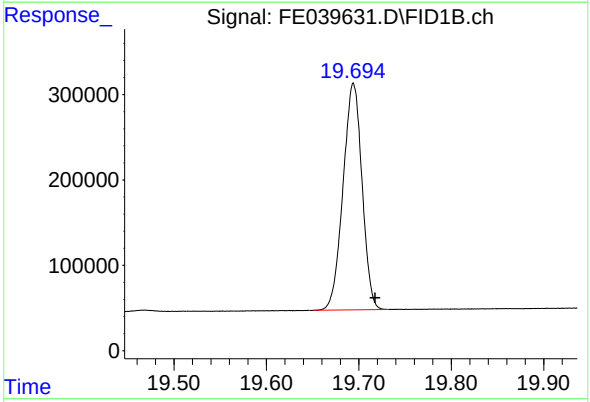


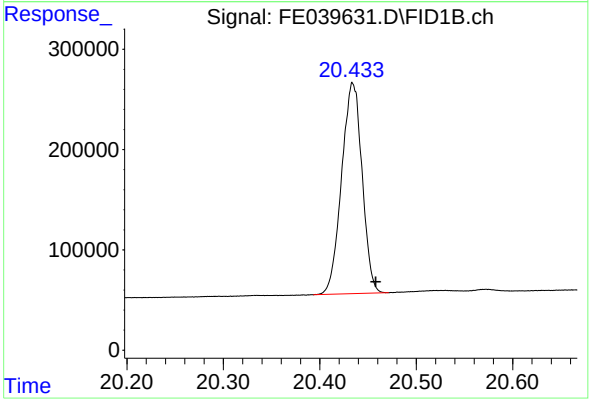
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 4111793
Conc: 31.75 ug/ml



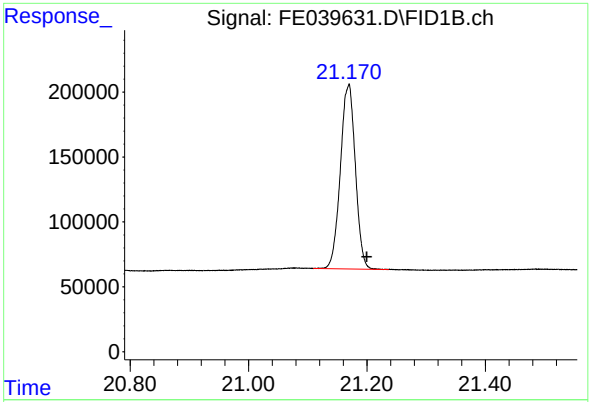
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.024 min
Response: 3789698
Conc: 30.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.025 min
Response: 3094618
Conc: 25.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 2497646
Conc: 20.22 ug/ml

Instrument :
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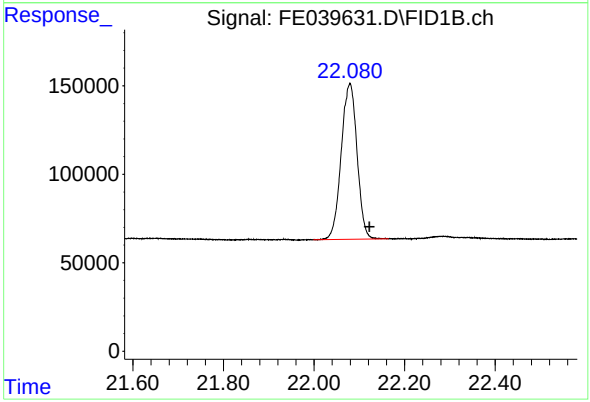

#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.043 min
Response: 2134779
Conc: 17.00 ug/ml