Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
Data File : FE045689.D
Signal(s) : FID1B.ch
Acq On : 06 Dec 2023 19:14
Operator : YP\AJ
Sample : 05630-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
EO-01-120523MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :Ankita Jodhani 12/07/2023

Integration File: autoint1.e
Quant Time: Dec 07 00:12:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
Quant Title : GC Extractables
QLast Update : Thu Nov 30 12:25:07 2023
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)	11.860	6844093	32.729 ug/ml
Spiked Amount	50.000		Recovery =	65.46%
12) S	1-chlorooctadecane (S...	13.303	5088244	32.338 ug/ml
Spiked Amount	50.000		Recovery =	64.68%
	Target Compounds			
1) T	n-Nonane (C9)	3.247	4378328	27.610 ug/ml
2) T	n-Decane (C10)	4.499	5040834	31.479 ug/ml
3) T	A~Naphthalene (C11.7)	6.197	6050732	34.735 ug/ml
4) T	n-Dodecane (C12)	6.664	5595784	34.643 ug/ml
5) T	A~2-methylnaphthalene...	7.294	6117147	36.022 ug/ml
6) T	n-Tetradecane (C14)	8.492	6025166	37.558 ug/ml
7) T	n-Hexadecane (C16)	10.101	6411295	38.717 ug/ml
8) T	n-Octadecane (C18)	11.547	6536647	38.126 ug/ml
10) T	n-Eicosane (C20)	12.858	6538021	37.787 ug/ml
11) T	n-Heneicosane (C21)	13.471	6195674	36.015 ug/ml
13) T	n-Docosane (C22)	14.059	6145694	35.643 ug/ml
14) T	n-Tetracosane (C24)	15.146	11942955	68.410 ug/mlm
15) T	n-Hexacosane (C26)	16.189	5771185	33.138 ug/ml
16) T	n-Octacosane (C28)	17.140	5711754	33.048 ug/ml
17) T	n-Tricontane (C30)	18.031	5719837	32.695 ug/ml
18) T	n-Dotriacontane (C32)	18.864	5674372	31.103 ug/ml
19) T	n-Tetratriacontane (C34)	19.651	5519611	33.265 ug/ml
20) T	n-Hexatriacontane (C36)	20.393	5303525	33.411 ug/ml
21) T	n-Octatriacontane (C38)	21.131	5657342	36.076 ug/ml
22) T	n-Tetracontane (C40)	22.037	5899851	41.515 ug/mlm

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
Data File : FE045689.D
Signal(s) : FID1B.ch
Acq On : 06 Dec 2023 19:14
Operator : YP\AJ
Sample : 05630-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
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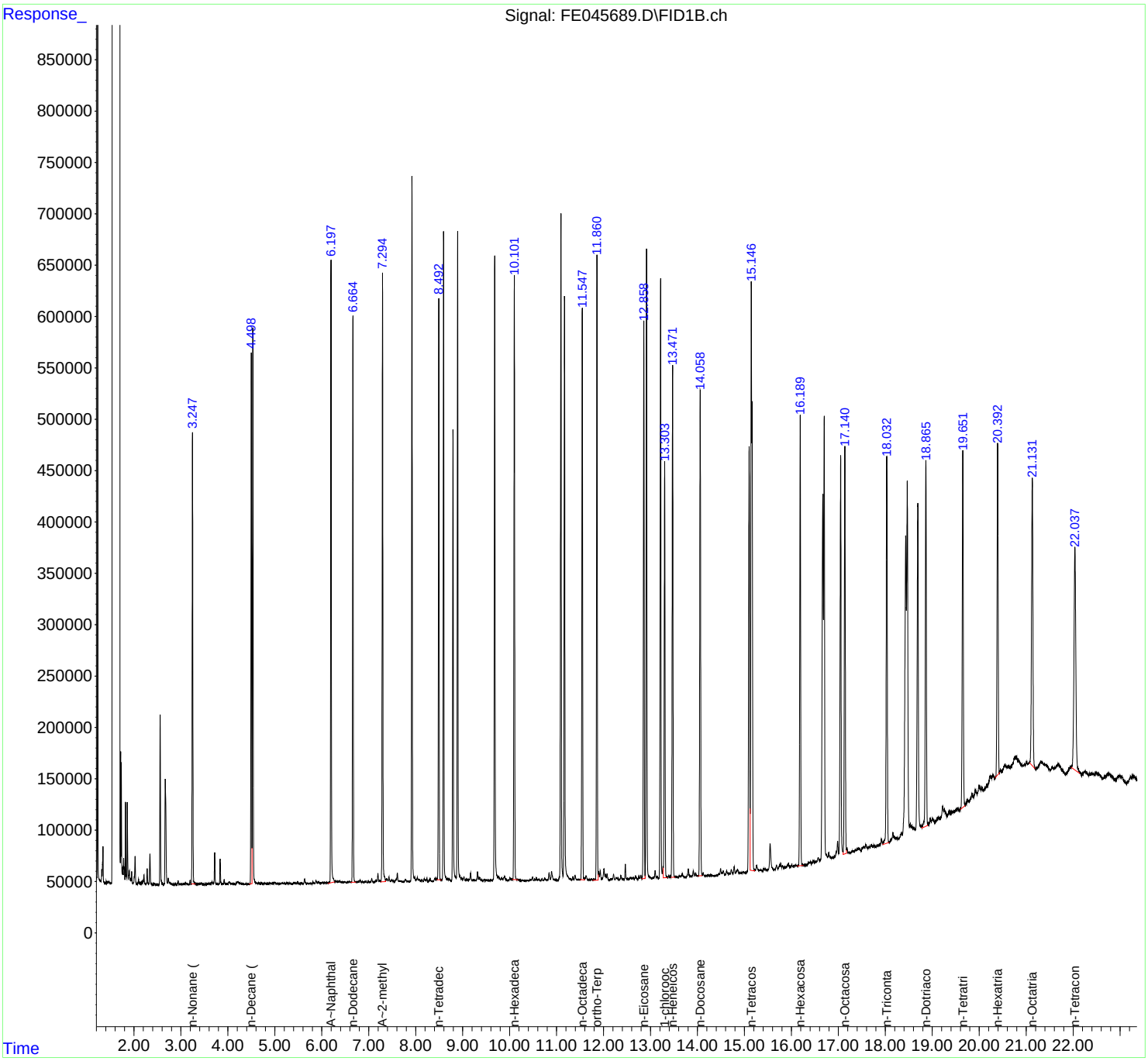

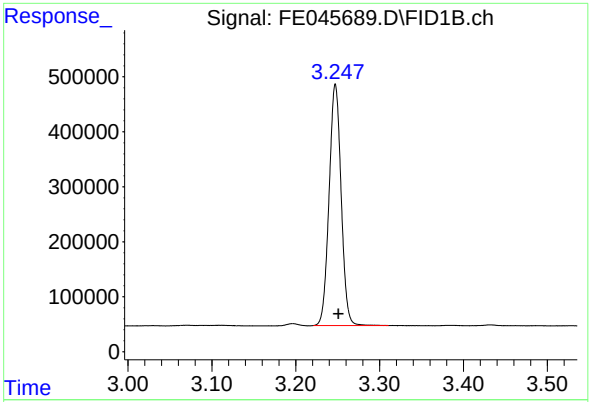

#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 4378328
Conc: 27.61 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-01-120523MS

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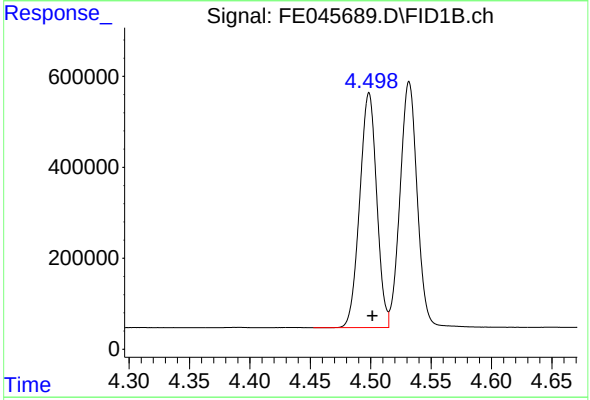
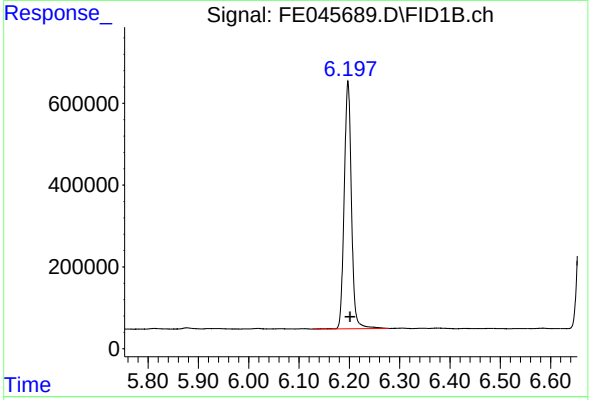


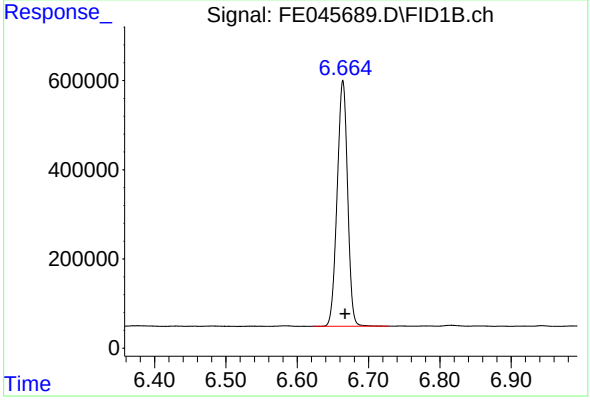
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 5040834
Conc: 31.48 ug/ml



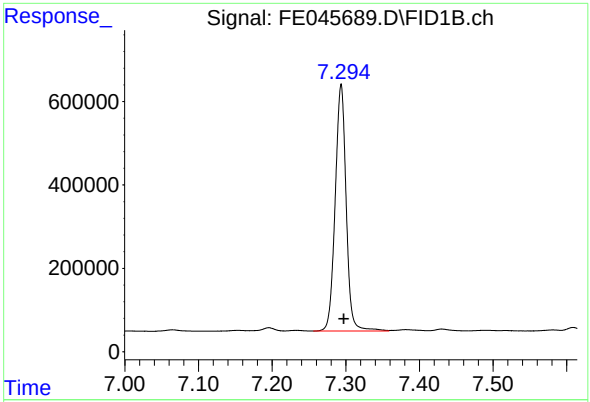
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.004 min
Response: 6050732
Conc: 34.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 5595784
Conc: 34.64 ug/ml



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

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 6117147
Conc: 36.02 ug/ml

Instrument :
FID_E
ClientSampleId :
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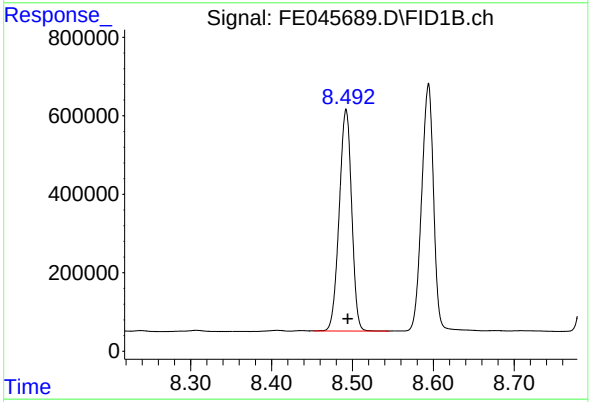
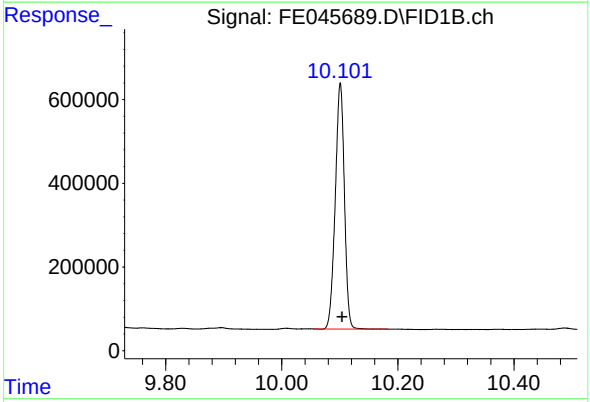


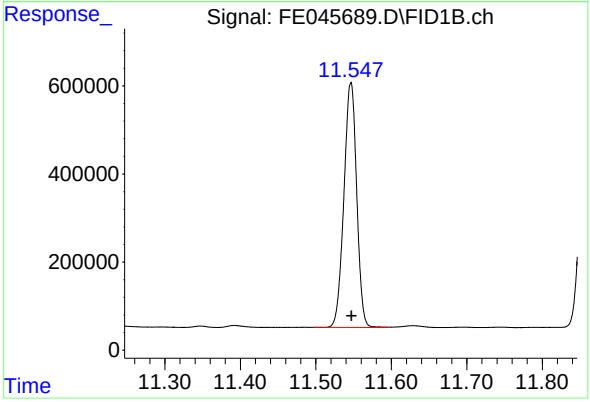
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 6025166
Conc: 37.56 ug/ml



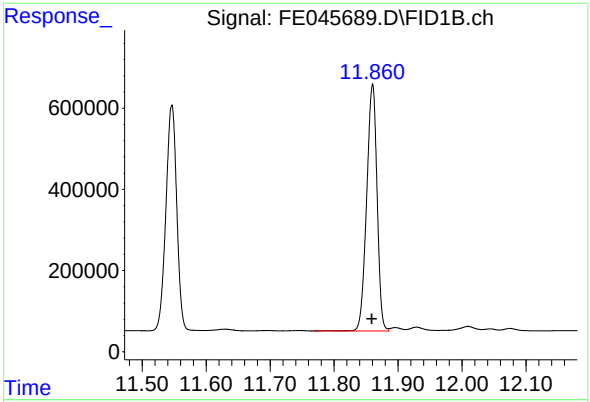
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 6411295
Conc: 38.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 6536647
Conc: 38.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: 0.001 min
Response: 6844093
Conc: 32.73 ug/ml

Instrument :
FID_E
ClientSampleId :
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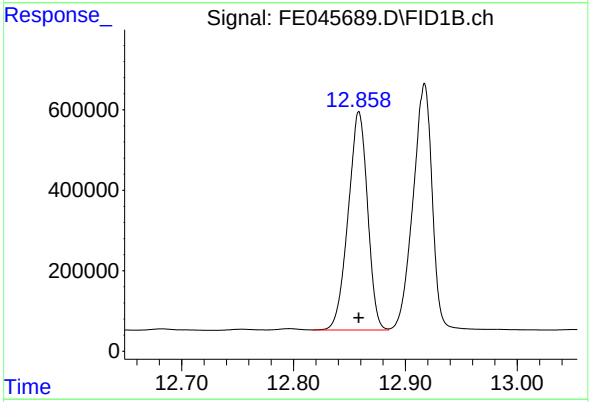
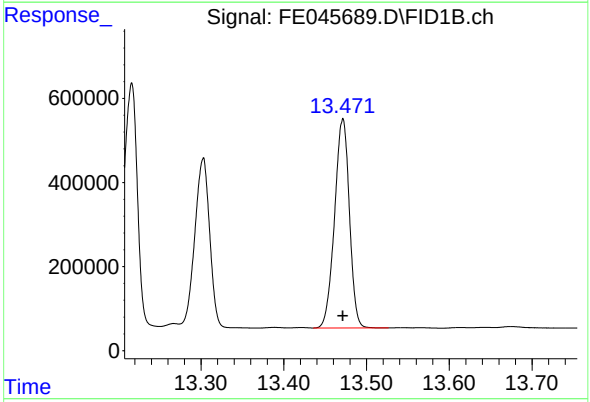


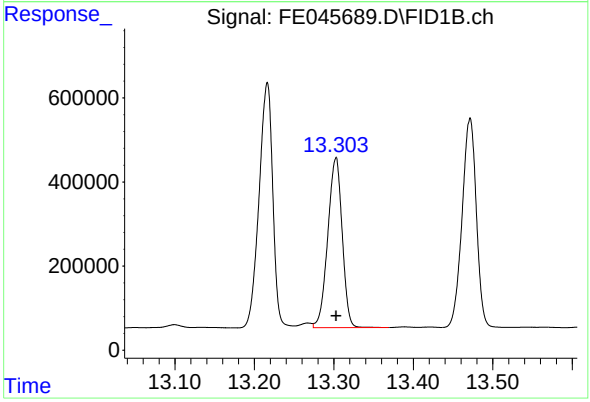
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 6538021
Conc: 37.79 ug/ml



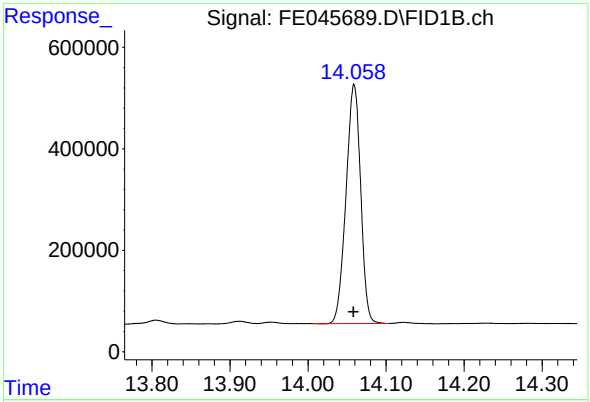
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: 0.000 min
Response: 6195674
Conc: 36.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 5088244
Conc: 32.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.000 min
Response: 6145694
Conc: 35.64 ug/ml

Instrument :
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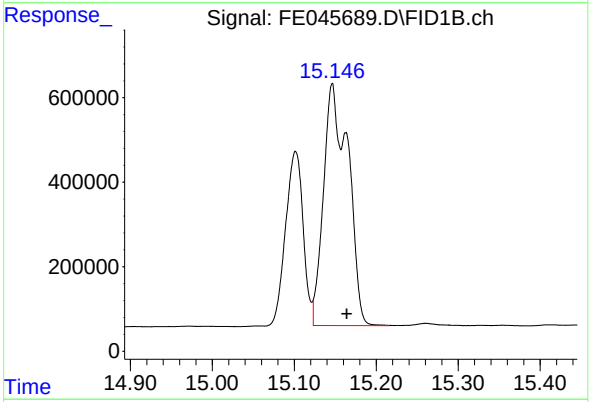
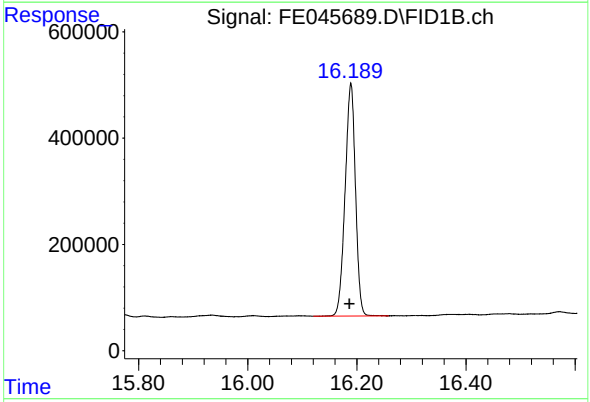


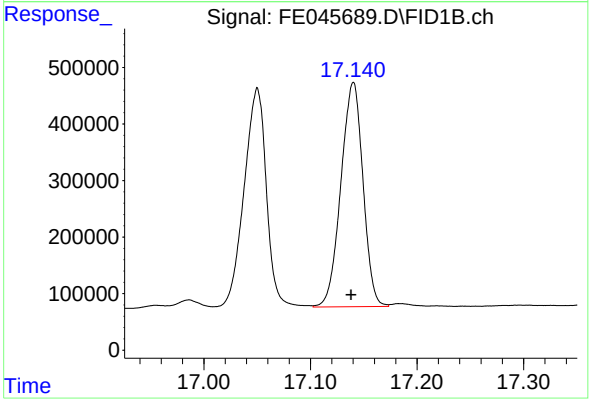
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 11942955
Conc: 68.41 ug/ml m



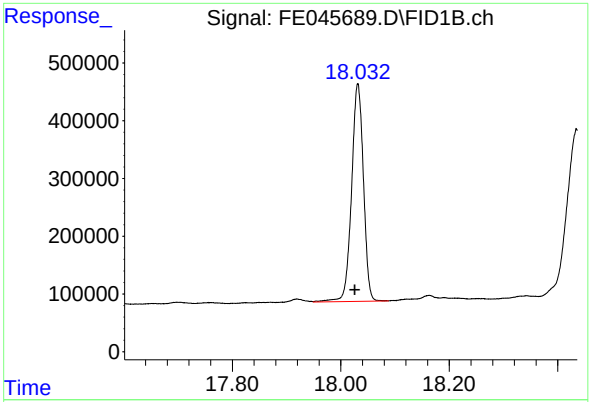
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 5771185
Conc: 33.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.002 min
Response: 5711754
Conc: 33.05 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.005 min
Response: 5719837
Conc: 32.69 ug/ml

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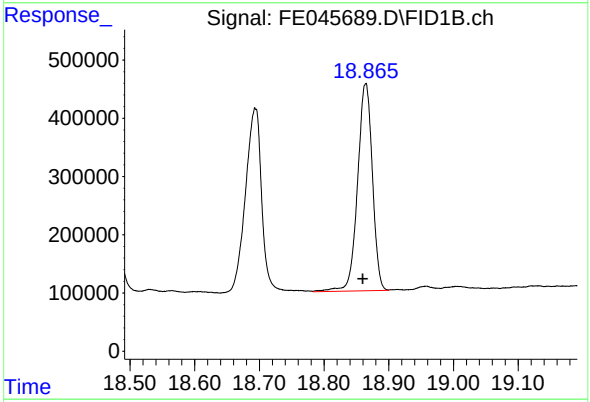
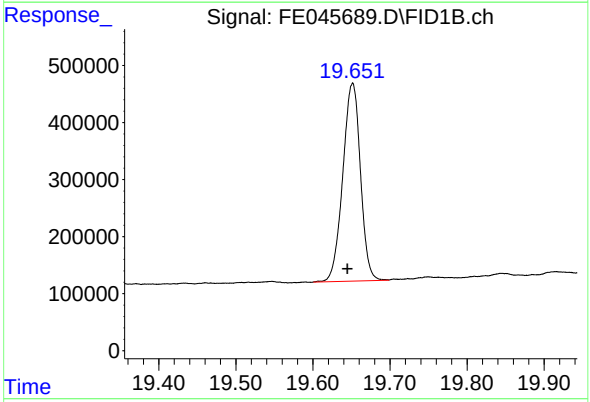


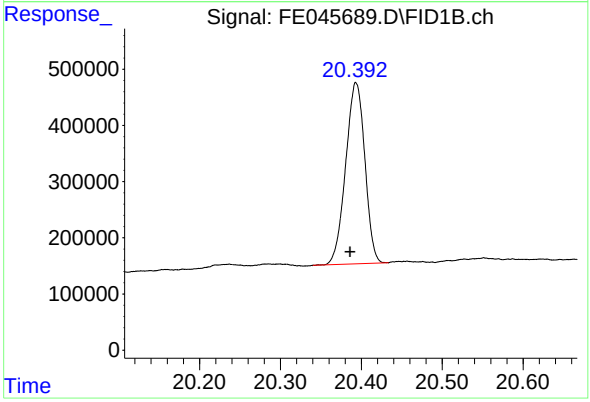
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 5674372
Conc: 31.10 ug/ml



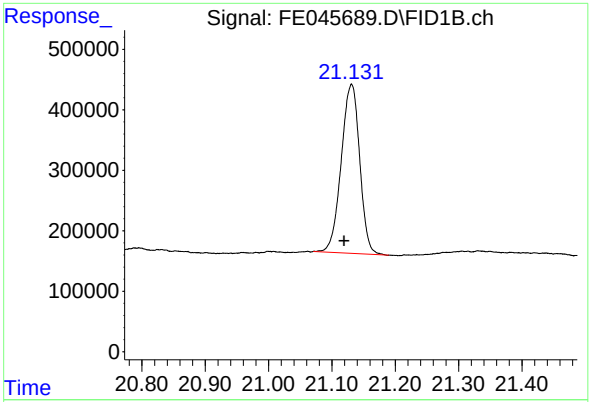
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 5519611
Conc: 33.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.007 min
Response: 5303525
Conc: 33.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.012 min
Response: 5657342
Conc: 36.08 ug/ml

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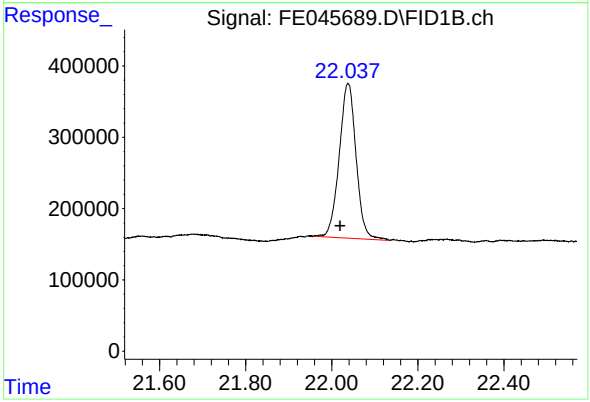

#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: 0.018 min
Response: 5899851
Conc: 41.51 ug/ml m