Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
Data File : FE039155.D
Signal(s) : FID1B.ch
Acq On : 06 Dec 2022 15:49
Operator : YP\AJ
Sample : N5863-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SAND-PILE-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2022
Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
Quant Time: Dec 07 04:25:45 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
Quant Title : GC Extractables
QLast Update : Sat Nov 19 05:37:37 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			
12) S	1-chlorooctadecane (S...	13.379	4396695	36.415 ug/ml
Spiked Amount	50.000		Recovery =	72.83%
	Target Compounds			
1) T	n-Nonane (C9)	3.339	2303952	16.254 ug/ml
2) T	n-Decane (C10)	4.588	2772016	19.888 ug/ml
4) T	n-Dodecane (C12)	6.751	3157392	22.399 ug/ml
6) T	n-Tetradecane (C14)	8.577	3280889	22.972 ug/ml
7) T	n-Hexadecane (C16)	10.183	3578376	24.474 ug/ml
8) T	n-Octadecane (C18)	11.625	3812539	25.909 ug/ml
10) T	n-Eicosane (C20)	12.934	3708612	26.124 ug/ml
11) T	n-Heneicosane (C21)	13.545	3648761	25.678 ug/ml
13) T	n-Docosane (C22)	14.131	3657947	26.168 ug/ml
14) T	n-Tetracosane (C24)	15.233	3590272	25.997 ug/ml
15) T	n-Hexacosane (C26)	16.254	3485267	25.949 ug/ml
16) T	n-Octacosane (C28)	17.203	3340565	25.155 ug/ml
17) T	n-Tricontane (C30)	18.089	3204637	24.266 ug/ml
18) T	n-Dotriacontane (C32)	18.922	3143738	23.572 ug/ml
19) T	n-Tetratriacontane (C34)	19.707	3027539	22.880 ug/mlm
20) T	n-Hexatriacontane (C36)	20.446	2802559	21.815 ug/mlm
21) T	n-Octatriacontane (C38)	21.182	2620948	20.002 ug/ml
22) T	n-Tetracontane (C40)	22.100	2374763	17.440 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
Data File : FE039155.D
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Operator : YP\AJ
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Misc :
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
Quant Title : GC Extractables
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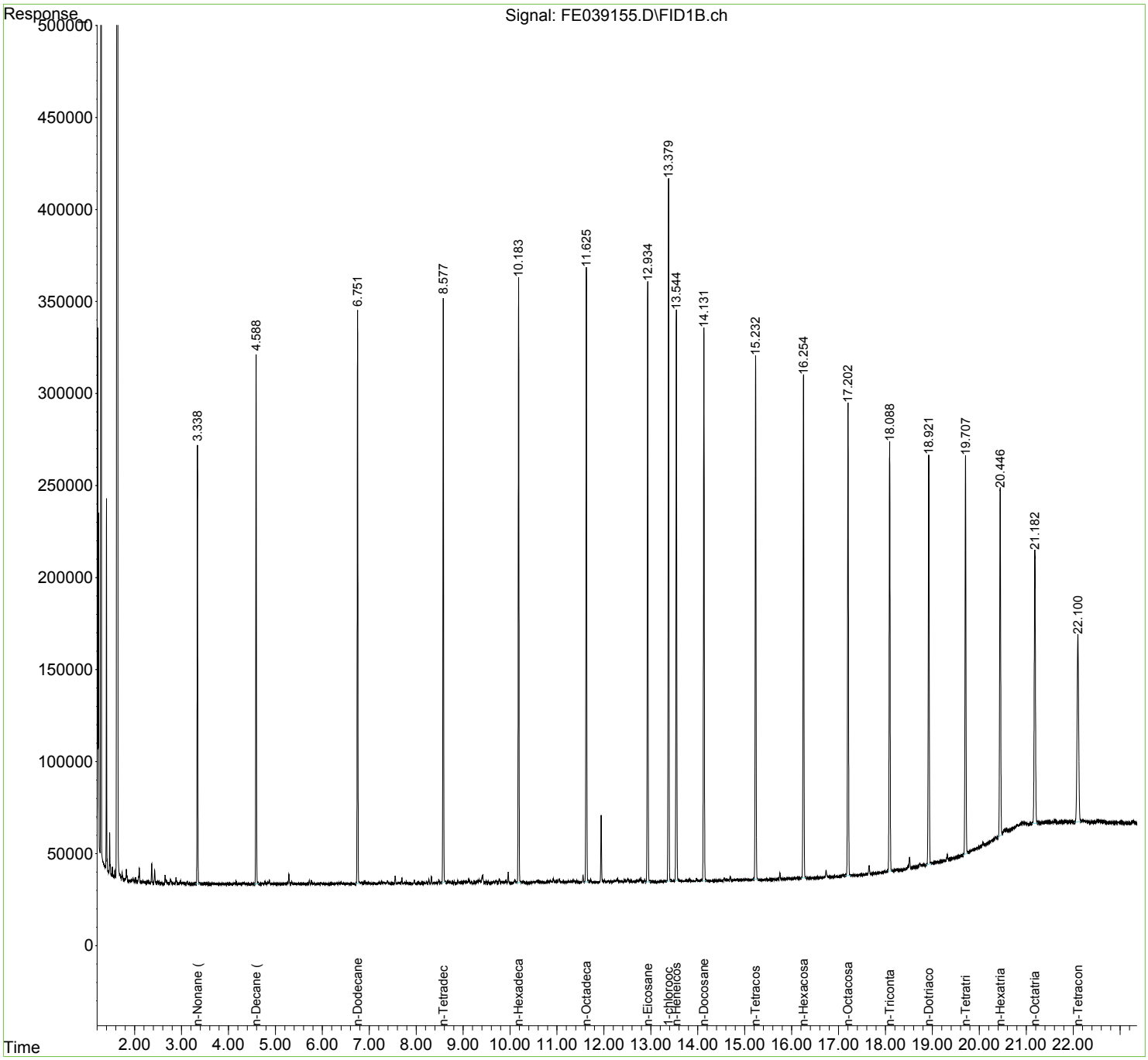
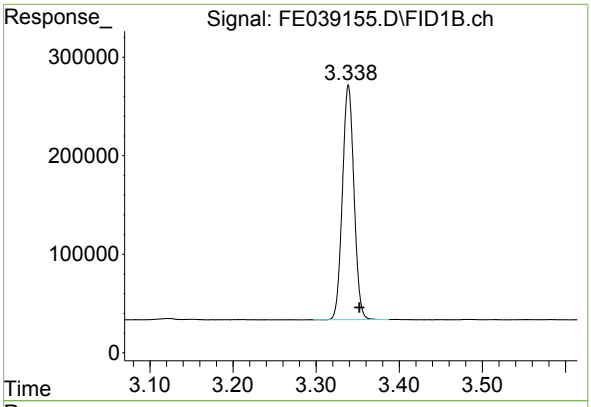
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 2303952
Conc: 16.25 ug/ml

Instrument :
FID_E
ClientSampleId :
SAND-PILE-1MSD

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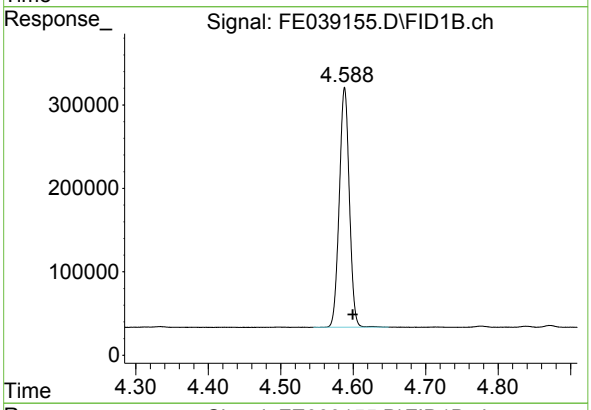
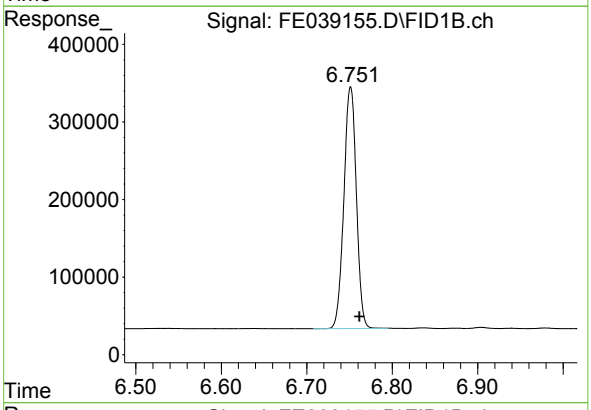


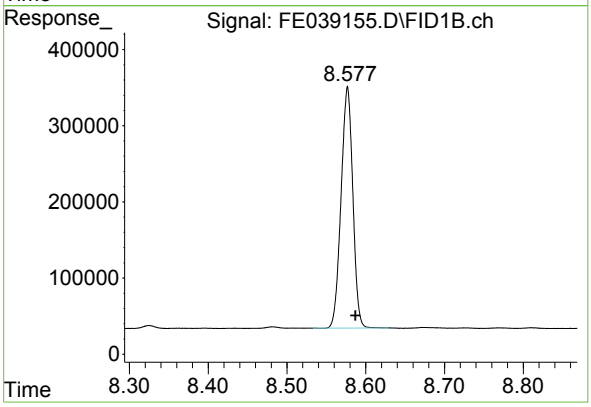
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.011 min
Response: 2772016
Conc: 19.89 ug/ml



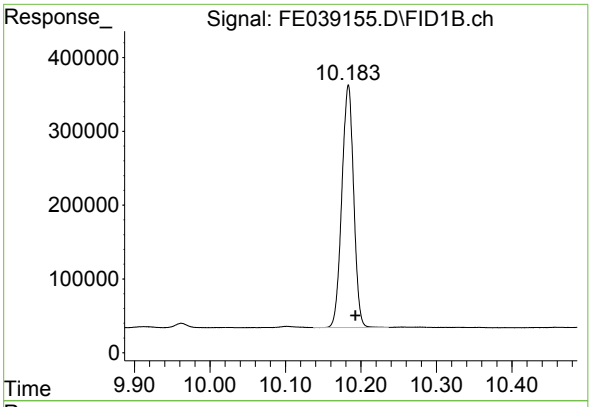
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.010 min
Response: 3157392
Conc: 22.40 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 3280889
Conc: 22.97 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.009 min
Response: 3578376
Conc: 24.47 ug/ml

Instrument :
FID_E
ClientSampleId :
SAND-PILE-1MSD

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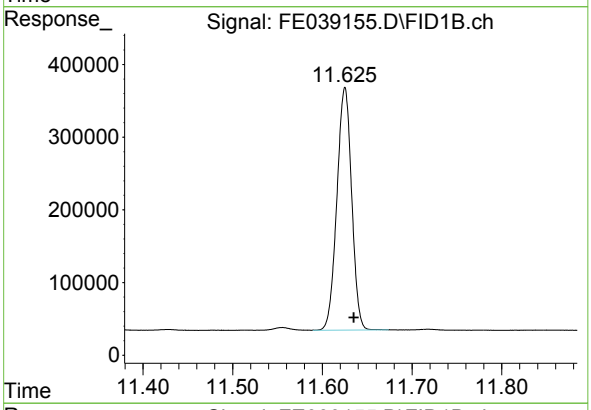
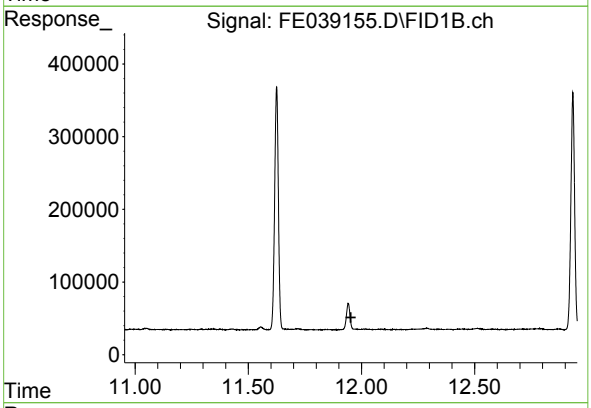


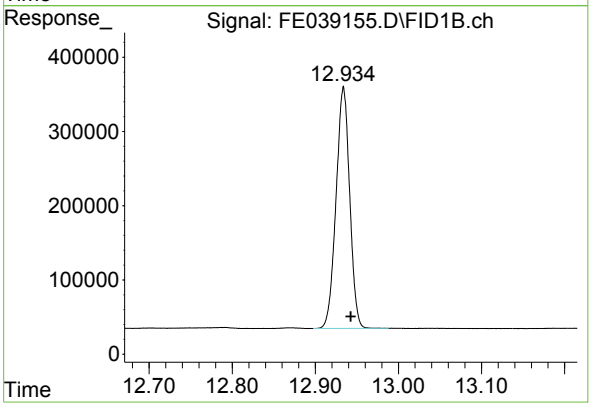
#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.010 min
Response: 3812539
Conc: 25.91 ug/ml



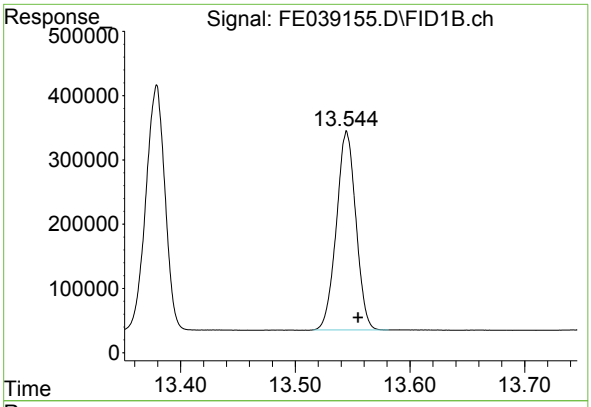
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.953 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.009 min
Response: 3708612
Conc: 26.12 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 3648761
Conc: 25.68 ug/ml

Instrument :
FID_E
ClientSampleId :
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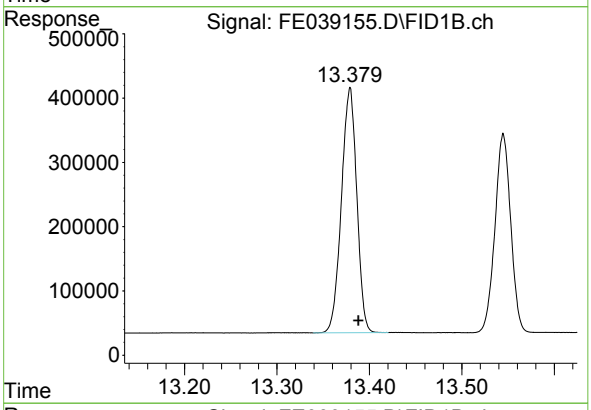
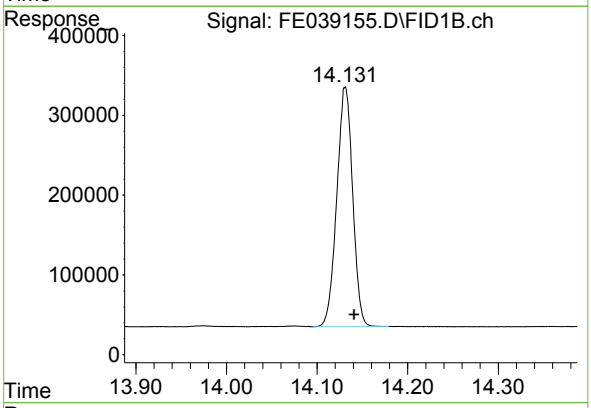


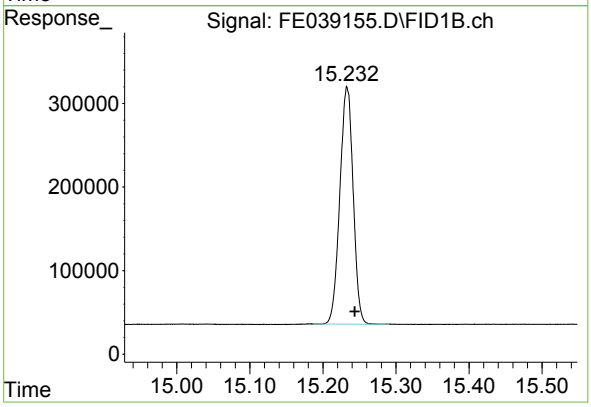
#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 4396695
Conc: 36.41 ug/ml



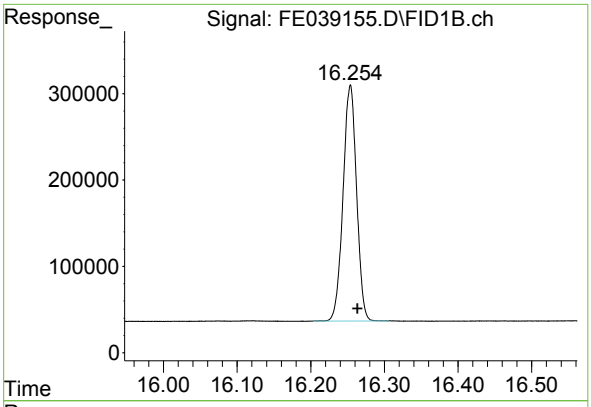
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.010 min
Response: 3657947
Conc: 26.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.010 min
Response: 3590272
Conc: 26.00 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 3485267
Conc: 25.95 ug/ml

Instrument :
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SAND-PILE-1MSD

Manual Integrations
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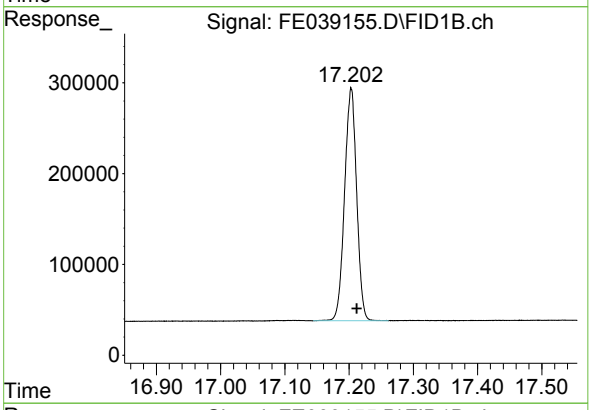
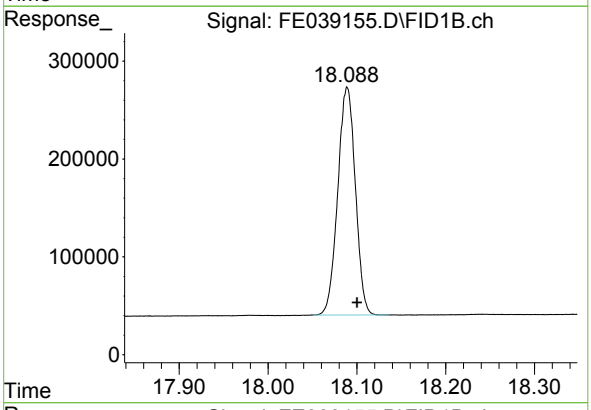


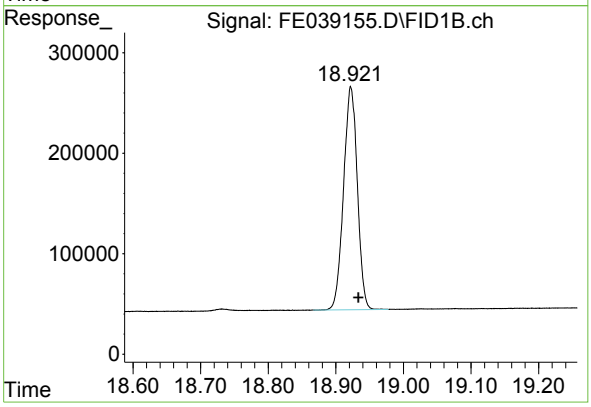
#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.008 min
Response: 3340565
Conc: 25.16 ug/ml



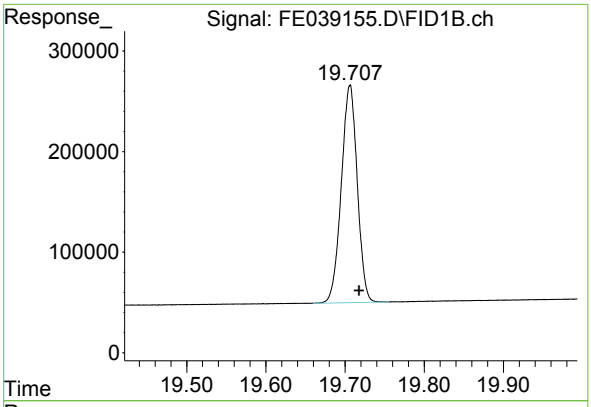
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.011 min
Response: 3204637
Conc: 24.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 3143738
Conc: 23.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 3027539
Conc: 22.88 ug/ml

Instrument :
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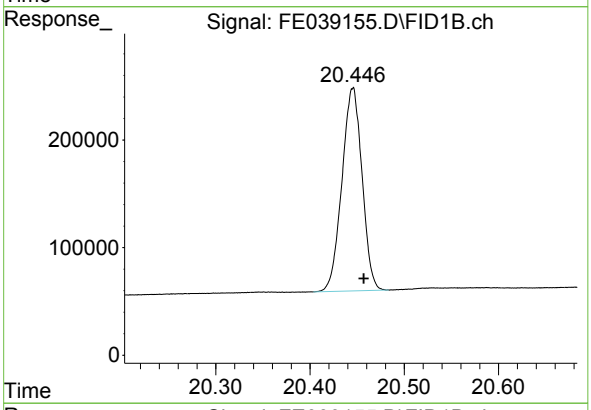
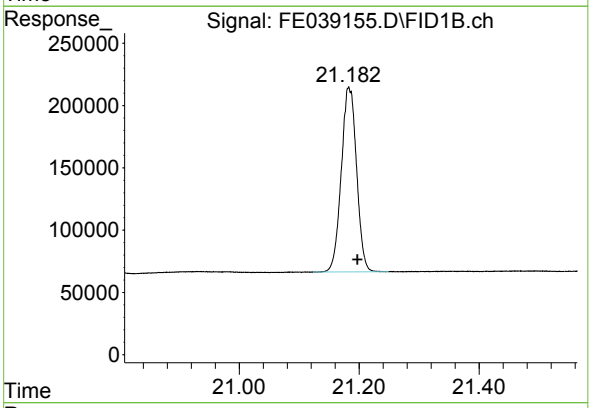


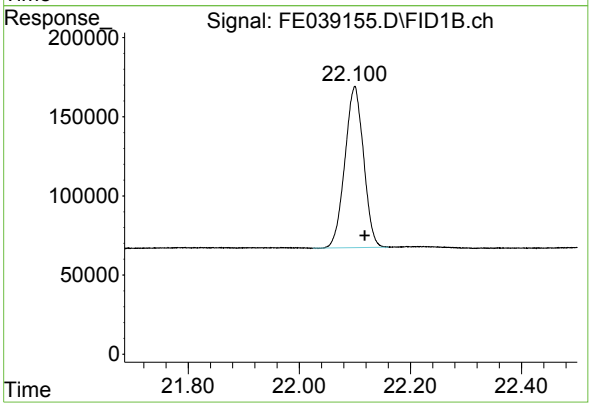
#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 2802559
Conc: 21.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.015 min
Response: 2620948
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.018 min
Response: 2374763
Conc: 17.44 ug/ml