

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050657.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 02:56
 Operator : YP\AJ
 Sample : P4368-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 05:37:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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...	13.292	4966874	41.988 ug/mlm
Spiked Amount 50.000		Recovery =	83.98%
Target Compounds			
1) T n-Nonane (C9)	3.249	339051	2.400 ug/ml
2) T n-Decane (C10)	4.498	421350	2.937 ug/ml
4) T n-Dodecane (C12)	6.664	579699	4.028 ug/ml
6) T n-Tetradecane (C14)	8.490	574292	4.014 ug/ml
7) T n-Hexadecane (C16)	10.095	508734	3.457 ug/ml
8) T n-Octadecane (C18)	11.537	553851	3.708 ug/ml
10) T n-Eicosane (C20)	12.843	610522	4.257 ug/ml
11) T n-Heneicosane (C21)	13.454	537750	3.829 ug/mlm
13) T n-Docosane (C22)	14.039	653159	4.656 ug/ml
14) T n-Tetracosane (C24)	15.140	824525	5.836 ug/ml
15) T n-Hexacosane (C26)	16.160	960419	6.825 ug/ml
16) T n-Octacosane (C28)	17.108	1103873	7.544 ug/ml
17) T n-Tricontane (C30)	17.994	1213295	7.631 ug/mlm
18) T n-Dotriacontane (C32)	18.827	1116605	6.888 ug/ml
19) T n-Tetratriacontane (C34)	19.609	892600	6.077 ug/ml
20) T n-Hexatriacontane (C36)	20.348	738682	5.825 ug/ml
21) T n-Octatriacontane (C38)	21.073	661879	5.353 ug/ml
22) T n-Tetracontane (C40)	21.956	551515	4.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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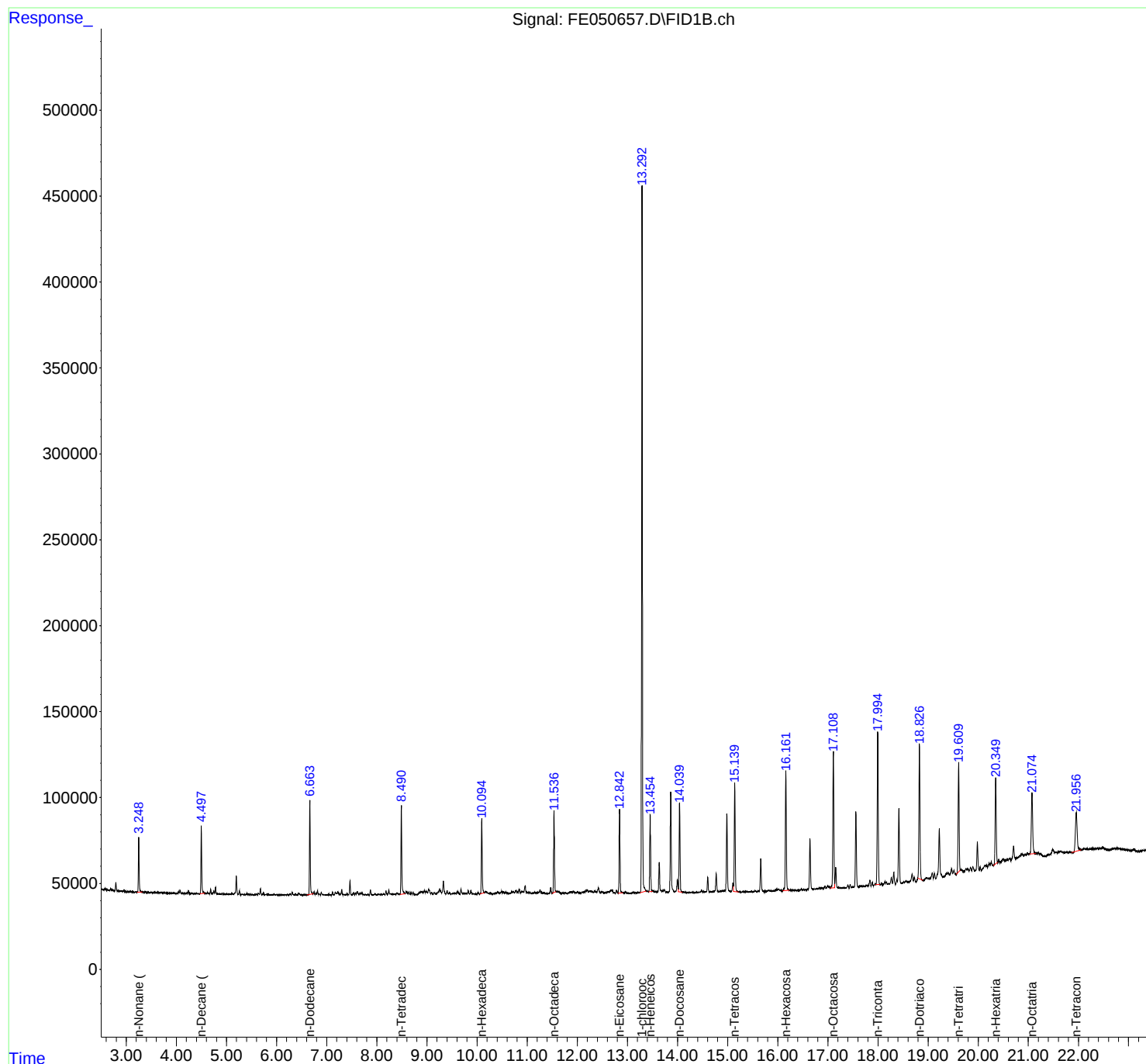
Instrument :
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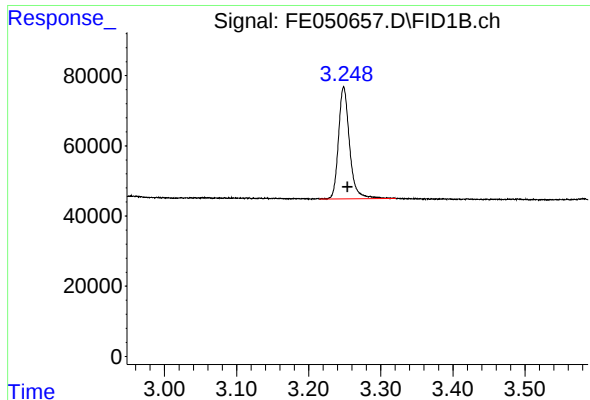
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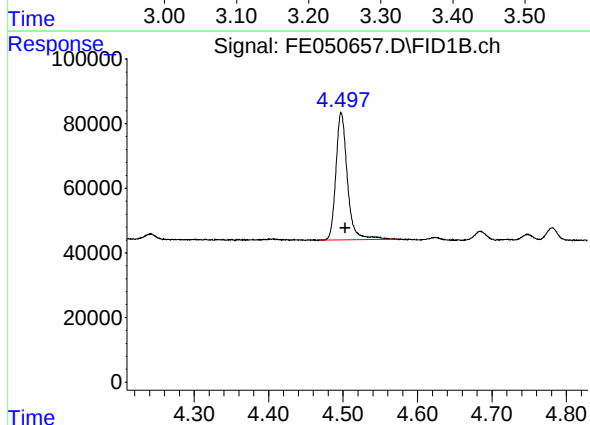
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.005 min
Response: 339051
Conc: 2.40 ug/ml

Instrument :
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ClientSampleId :
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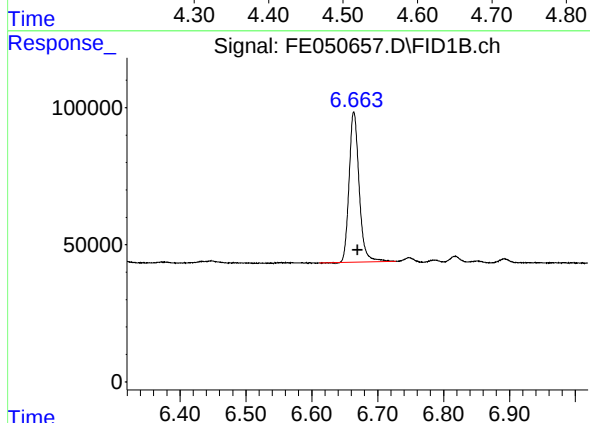
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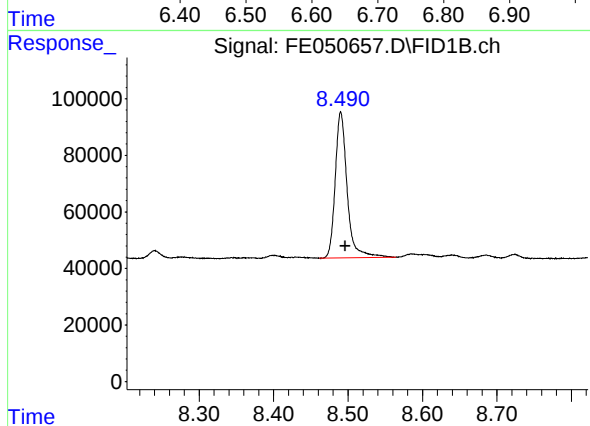
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 421350
Conc: 2.94 ug/ml



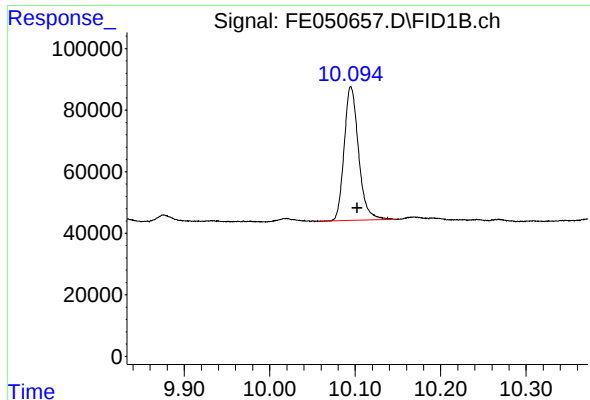
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 579699
Conc: 4.03 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.006 min
Response: 574292
Conc: 4.01 ug/ml



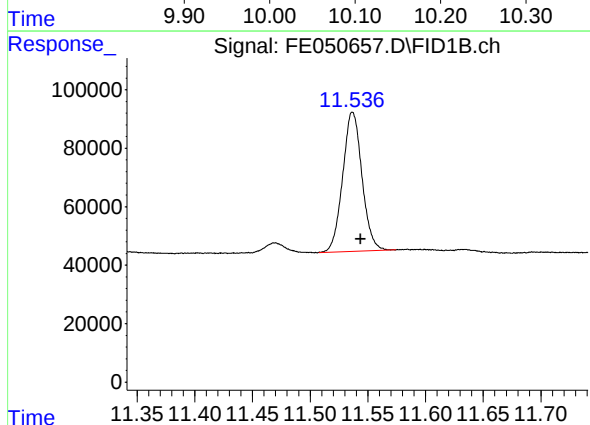
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.007 min
Response: 508734
Conc: 3.46 ug/ml

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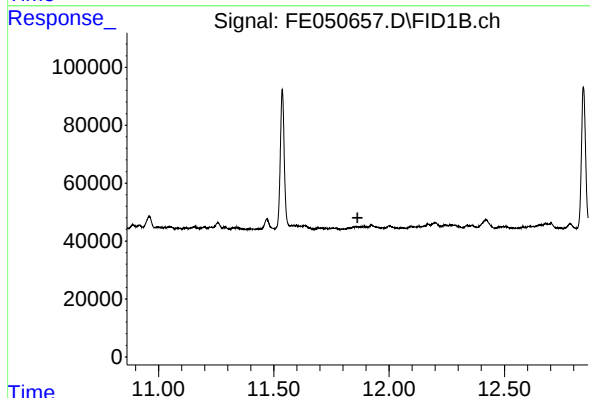
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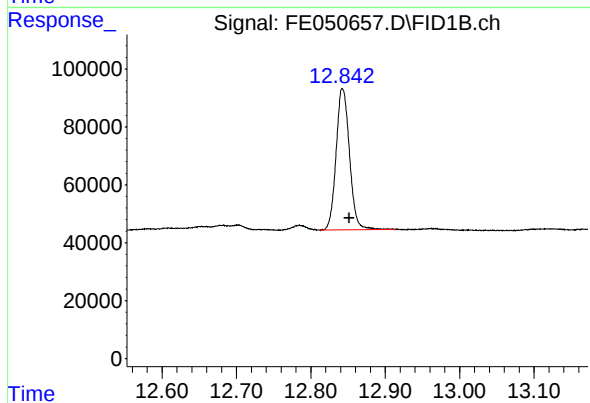
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 553851
Conc: 3.71 ug/ml



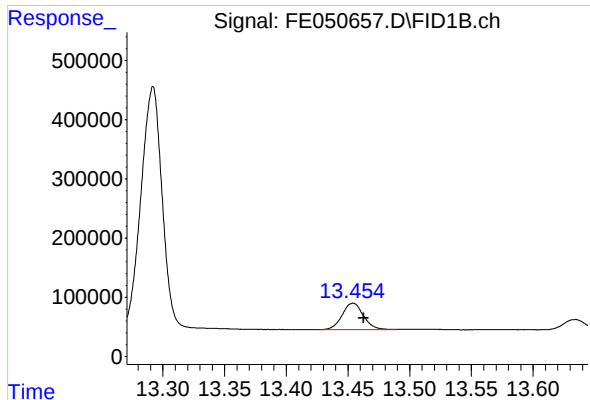
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.863 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 610522
Conc: 4.26 ug/ml



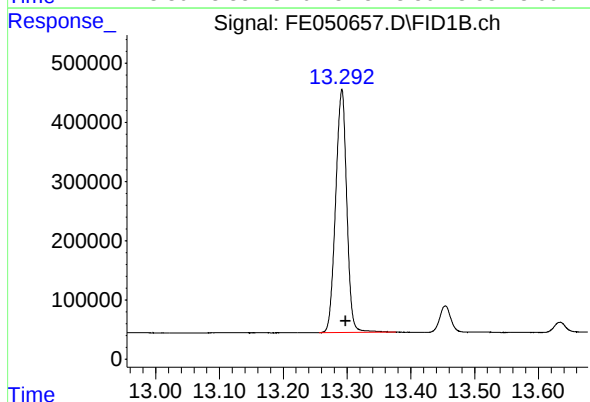
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 537750
Conc: 3.83 ug/ml

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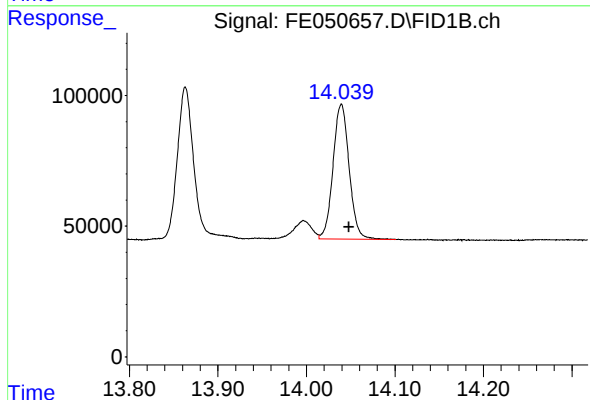
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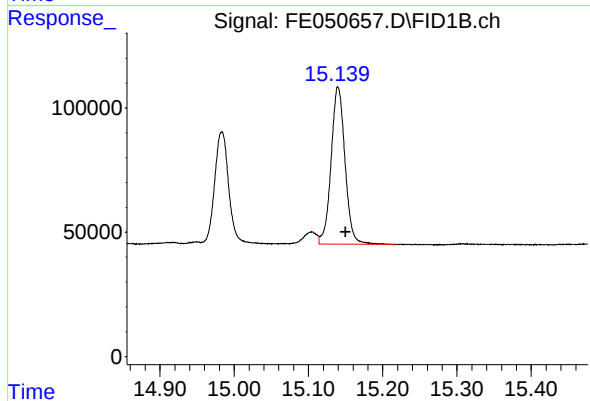
#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 4966874
Conc: 41.99 ug/ml m



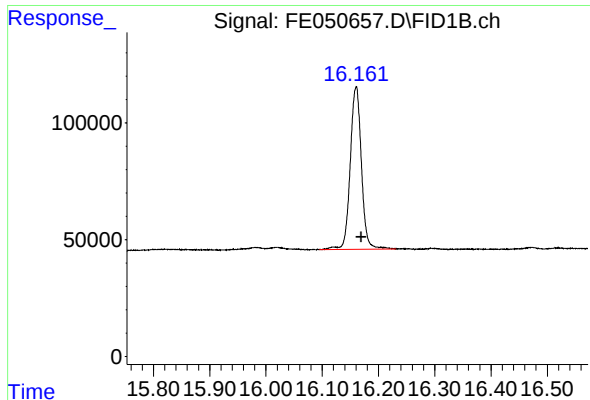
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.009 min
Response: 653159
Conc: 4.66 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 824525
Conc: 5.84 ug/ml



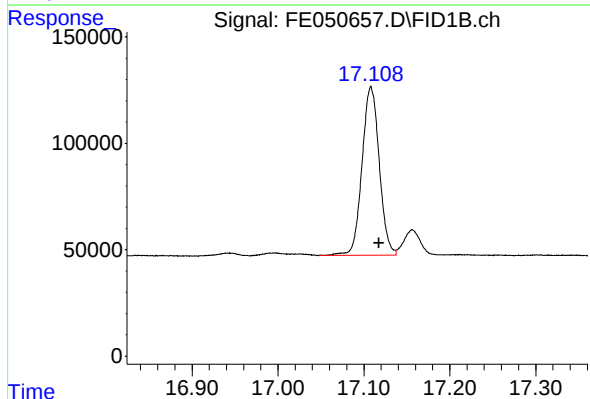
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 960419
Conc: 6.83 ug/ml

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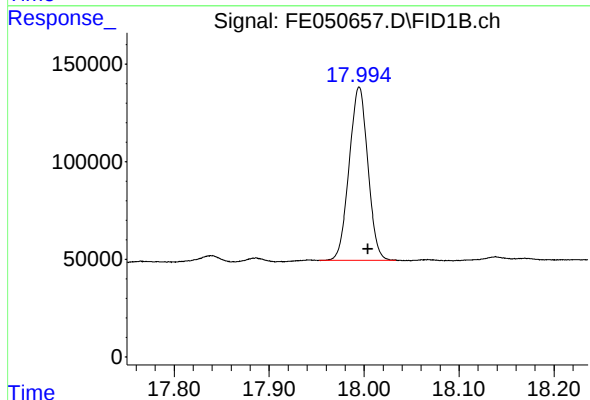
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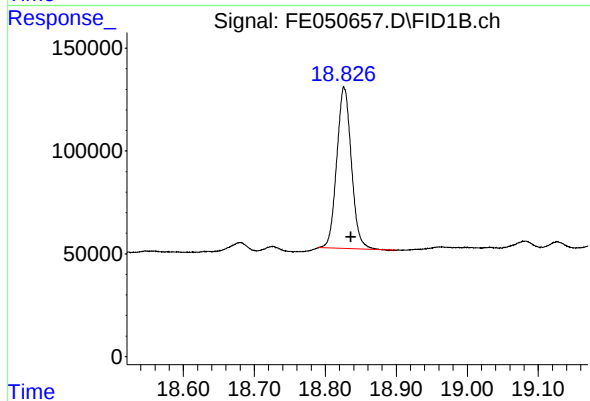
#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 1103873
Conc: 7.54 ug/ml



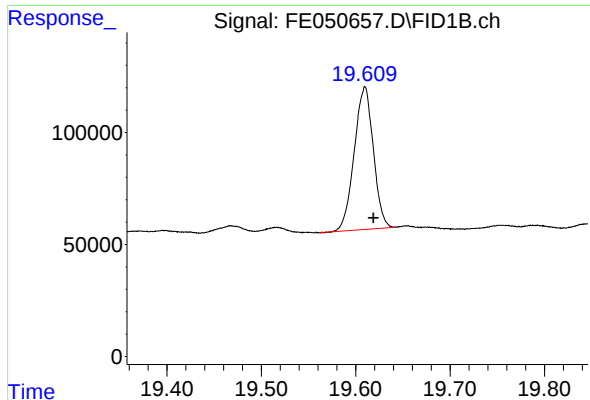
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 1213295
Conc: 7.63 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.010 min
Response: 1116605
Conc: 6.89 ug/ml



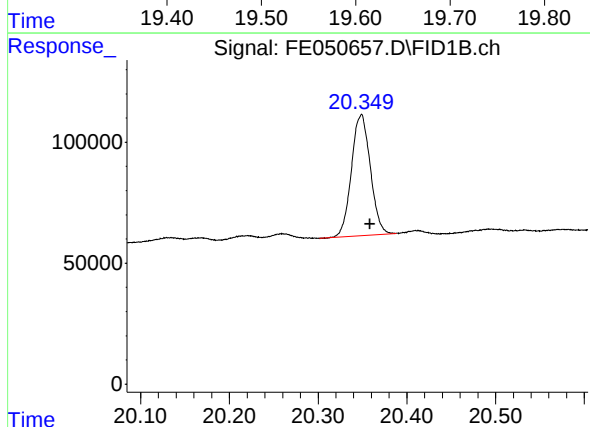
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 892600
Conc: 6.08 ug/ml

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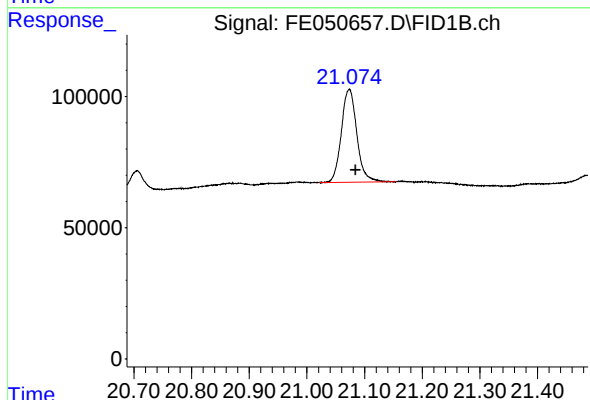
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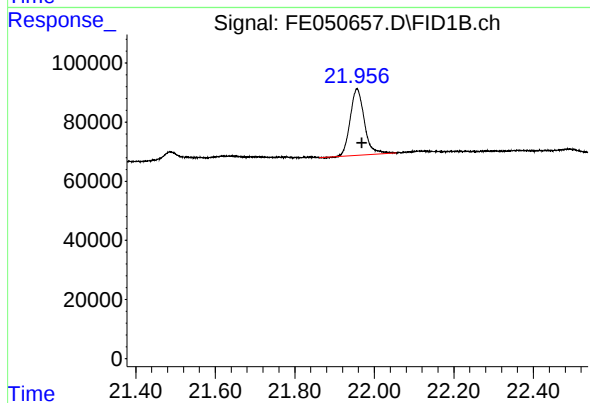
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 738682
Conc: 5.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 661879
Conc: 5.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.013 min
Response: 551515
Conc: 4.95 ug/ml