

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101024AL\
 Data File : FE050577.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2024 18:52
 Operator : YP\AJ
 Sample : P4359-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EXCAVATION-SOILMSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:35:26 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			
9) S ortho-Terphenyl (SURR)	11.863	5458291	34.622 ug/mlm
Spiked Amount 50.000		Recovery =	69.24%
12) S 1-chlorooctadecane (S...	13.296	4602766	38.910 ug/ml
Spiked Amount 50.000		Recovery =	77.82%
Target Compounds			
1) T n-Nonane (C9)	3.255	4115781	29.130 ug/mlm
2) T n-Decane (C10)	4.504	4731496	32.978 ug/ml
3) T A~Naphthalene (C11.7)	6.212	5567405	38.935 ug/ml
4) T n-Dodecane (C12)	6.669	5510158	38.283 ug/ml
5) T A~2-methylnaphthalene...	7.307	5549506	41.889 ug/ml
6) T n-Tetradecane (C14)	8.497	6057153	42.338 ug/ml
7) T n-Hexadecane (C16)	10.102	6300476	42.811 ug/ml
8) T n-Octadecane (C18)	11.543	6368784	42.638 ug/ml
10) T n-Eicosane (C20)	12.852	6413243	44.723 ug/ml
11) T n-Heneicosane (C21)	13.462	6163610	43.890 ug/ml
13) T n-Docosane (C22)	14.047	6108748	43.542 ug/ml
14) T n-Tetracosane (C24)	15.148	12080952	85.512 ug/ml
15) T n-Hexacosane (C26)	16.170	5981470	42.507 ug/mlm
16) T n-Octacosane (C28)	17.118	6594406	45.065 ug/mlm
17) T n-Tricontane (C30)	18.005	6330055	39.811 ug/ml
18) T n-Dotriacontane (C32)	18.835	6286968	38.781 ug/ml
19) T n-Tetratriacontane (C34)	19.619	6514604	44.350 ug/ml
20) T n-Hexatriacontane (C36)	20.358	6379155	50.303 ug/ml
21) T n-Octatriacontane (C38)	21.083	6518212	52.716 ug/ml
22) T n-Tetracontane (C40)	21.970	6046002	54.297 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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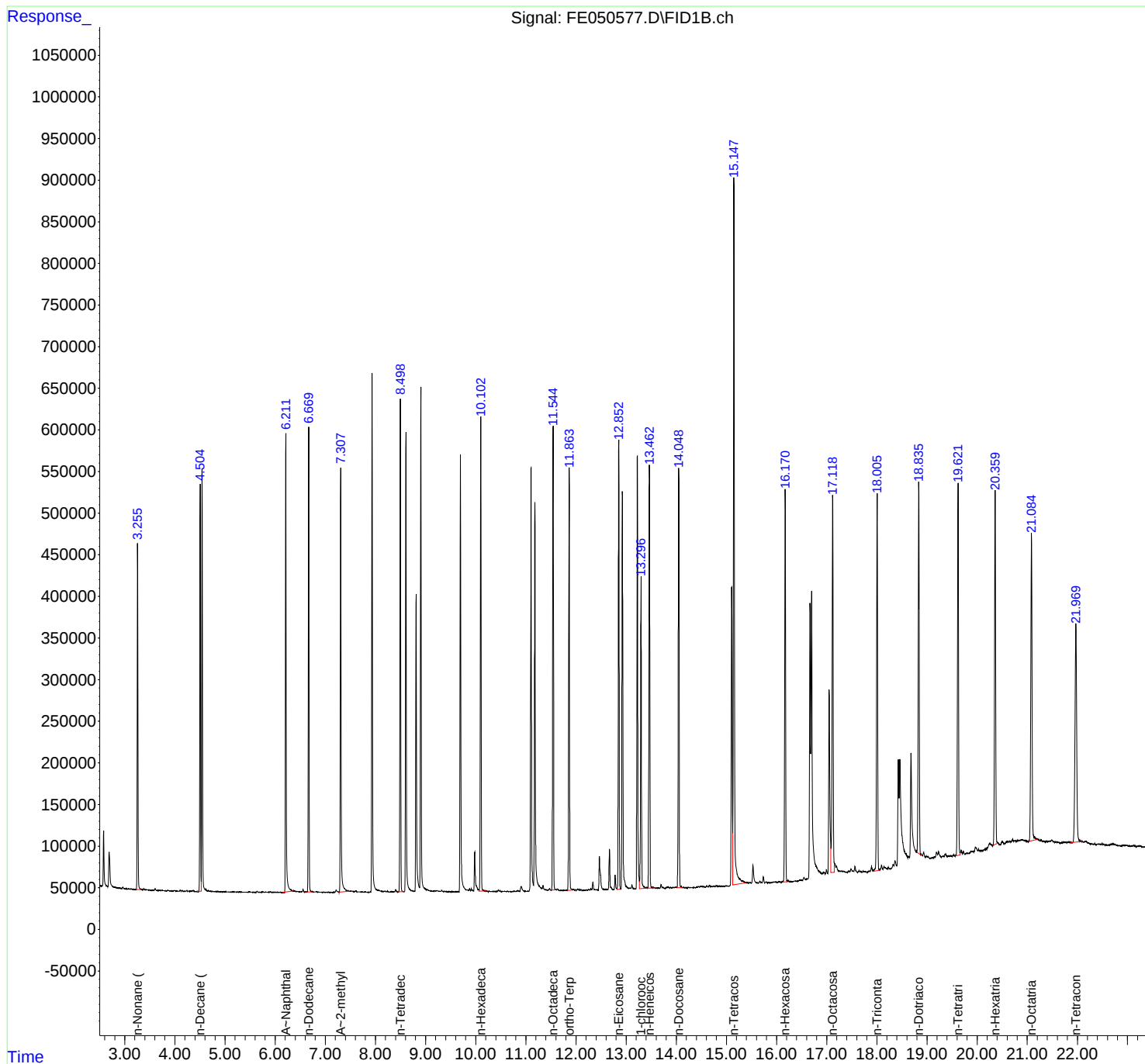
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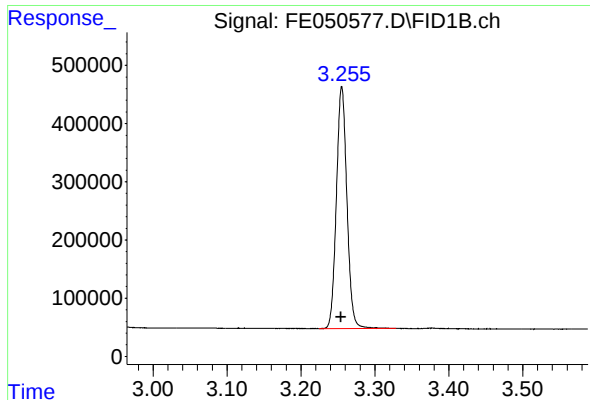
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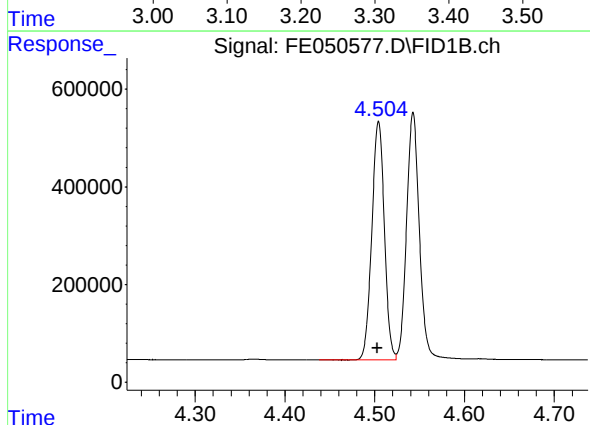
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 4115781
Conc: 29.13 ug/ml

Instrument :
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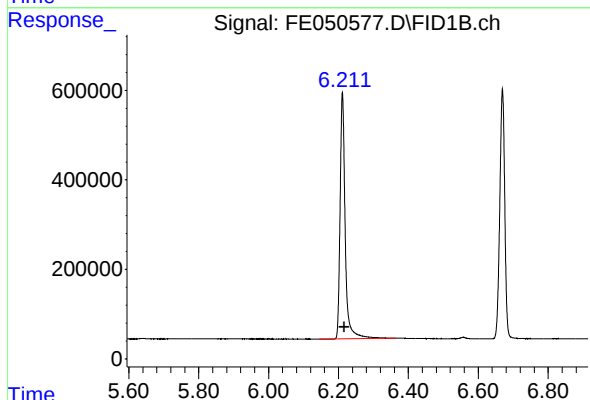
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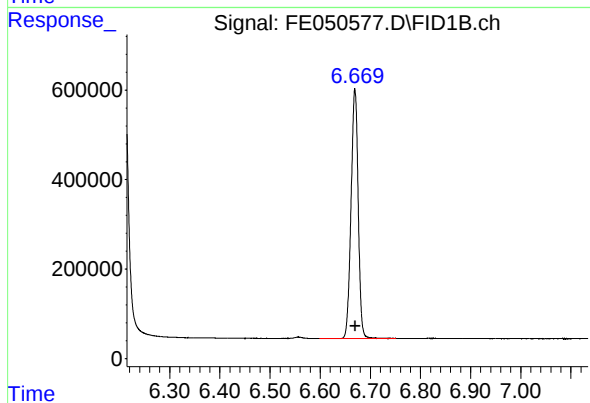
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.001 min
Response: 4731496
Conc: 32.98 ug/ml



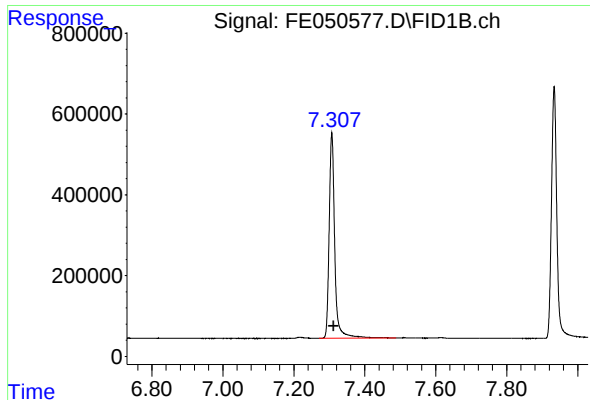
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 5567405
Conc: 38.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 5510158
Conc: 38.28 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 5549506
Conc: 41.89 ug/ml

Instrument :

FID_E

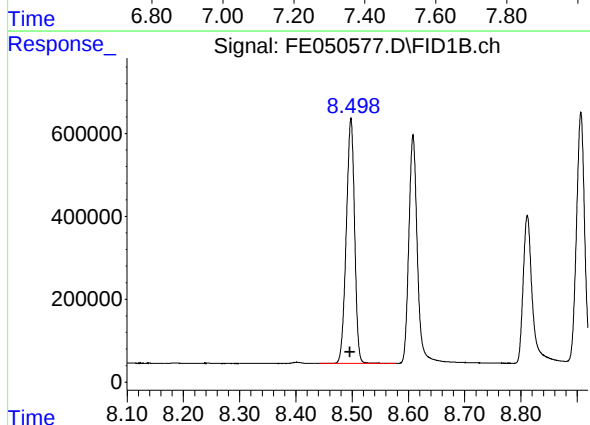
ClientSampleId :

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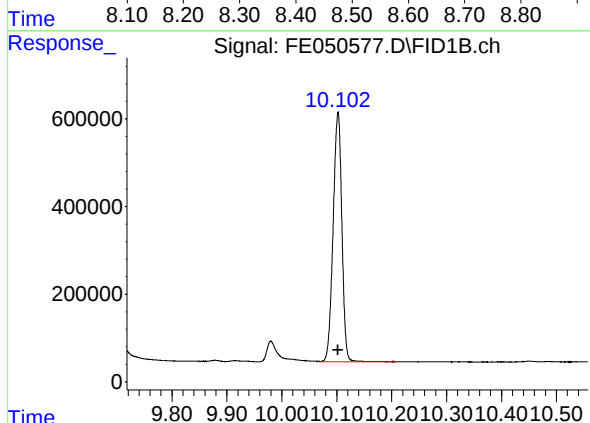
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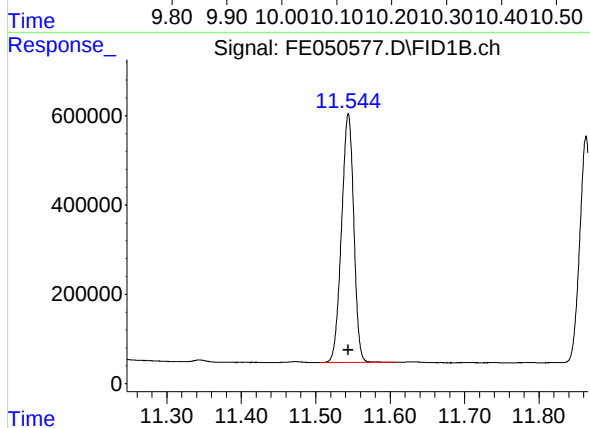
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 6057153
Conc: 42.34 ug/ml



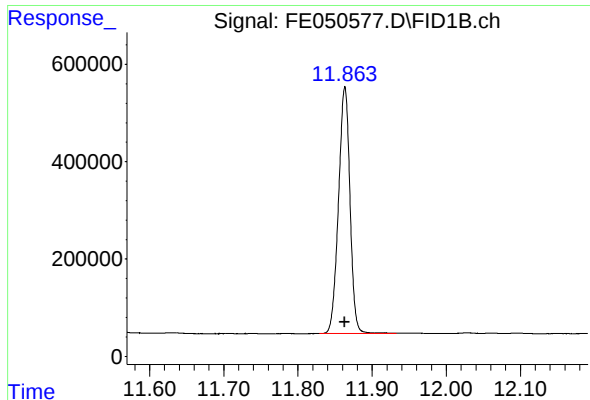
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 6300476
Conc: 42.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 6368784
Conc: 42.64 ug/ml



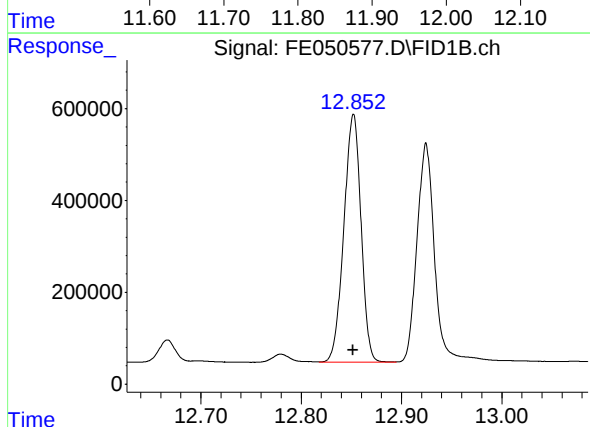
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 5458291
Conc: 34.62 ug/ml

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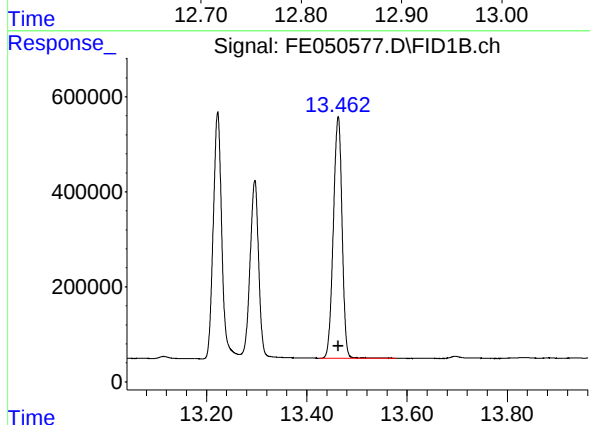
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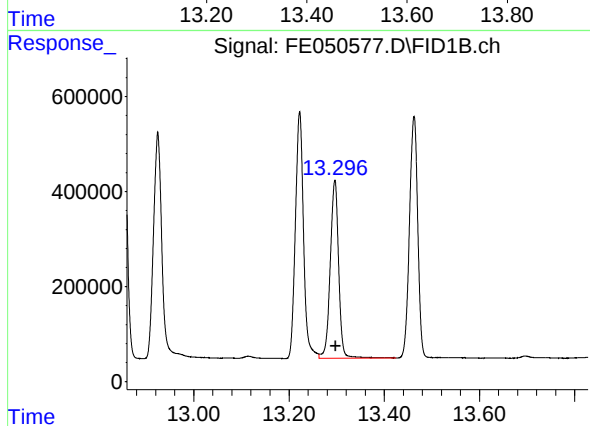
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 6413243
Conc: 44.72 ug/ml



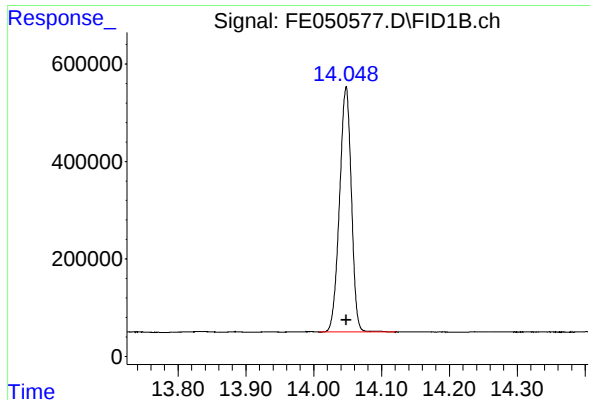
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 6163610
Conc: 43.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 4602766
Conc: 38.91 ug/ml



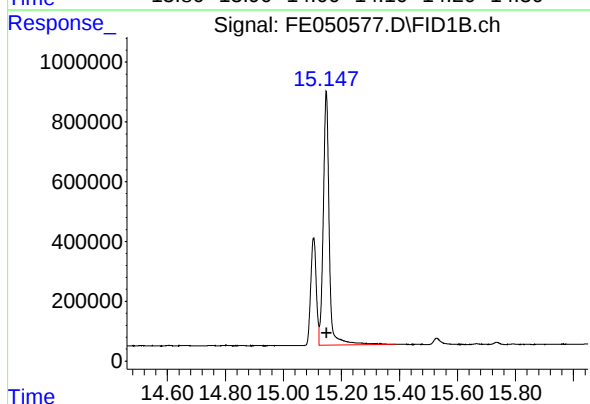
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: 0.000 min
Response: 6108748
Conc: 43.54 ug/ml

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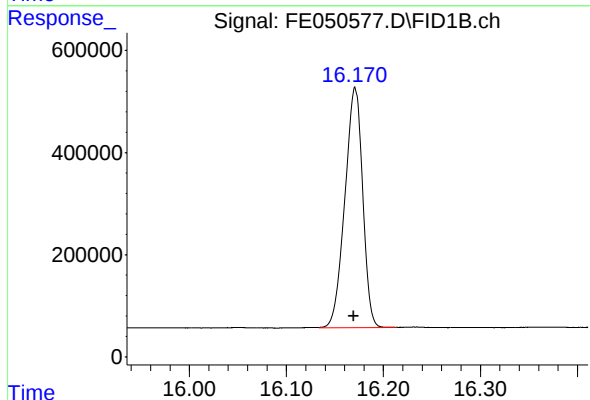
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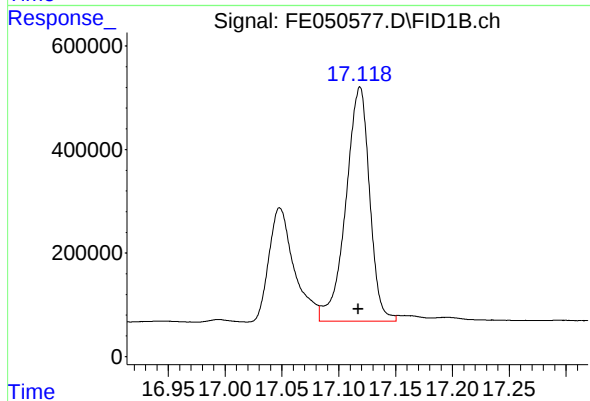
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 12080952
Conc: 85.51 ug/ml



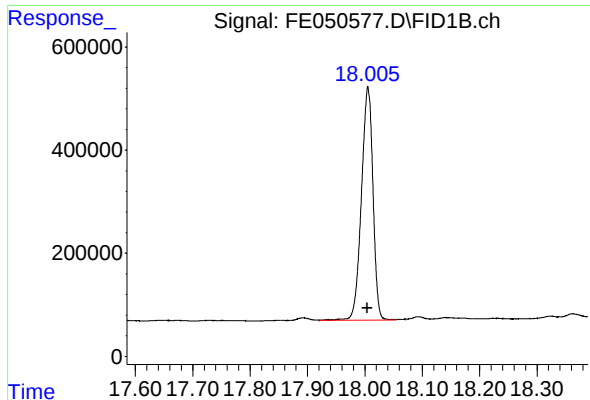
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.001 min
Response: 5981470
Conc: 42.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 6594406
Conc: 45.07 ug/ml m



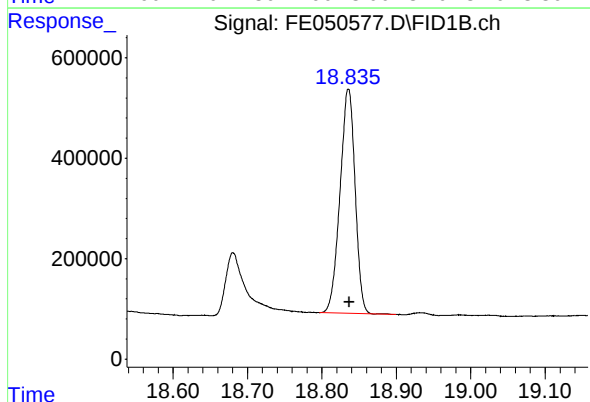
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 6330055
Conc: 39.81 ug/ml

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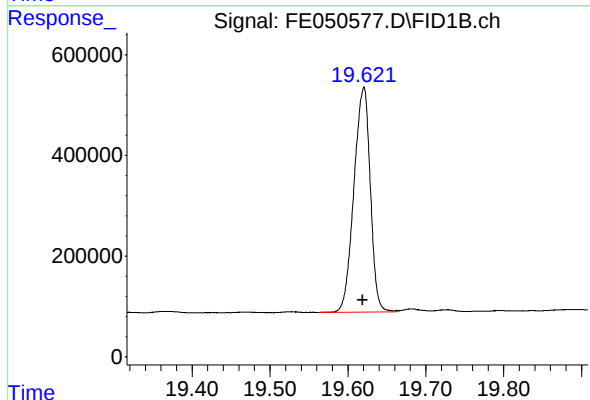
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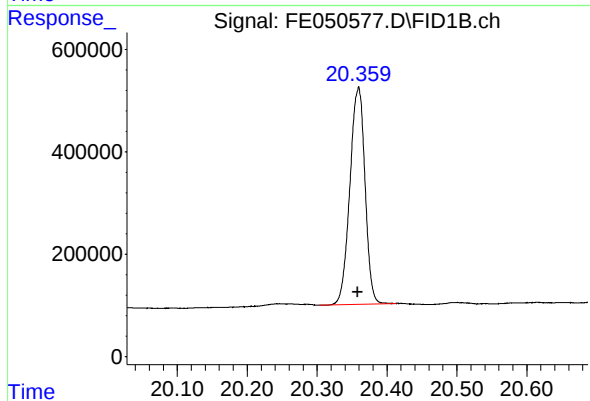
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 6286968
Conc: 38.78 ug/ml



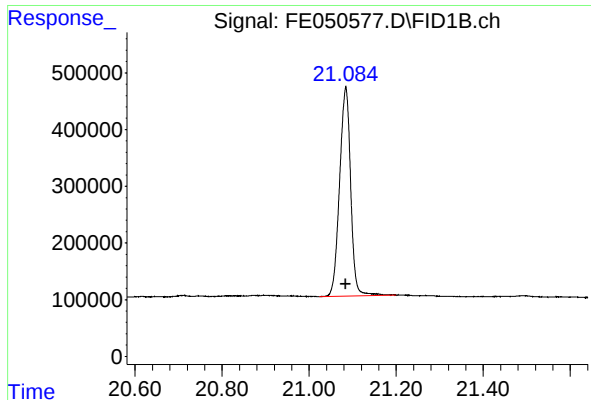
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 6514604
Conc: 44.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 6379155
Conc: 50.30 ug/ml



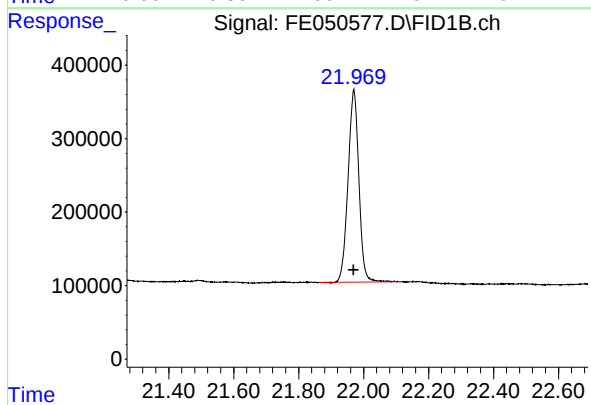
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: 0.000 min
Response: 6518212
Conc: 52.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.000 min
Response: 6046002
Conc: 54.30 ug/ml