

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041866.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 19:32
 Operator : YP\AJ
 Sample : 02743-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 DRUM-B-SLUDGE-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/12/2023
 Supervised By :Ankita Jodhani 05/12/2023

Integration File: autoint1.e
 Quant Time: May 12 01:13:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.966	3855642	20.552 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.402	2868642	20.306 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.351	4545841	30.925 ug/ml
2) T n-Decane (C10)	4.603	5157619	34.389 ug/ml
3) T A~Naphthalene (C11.7)	6.305	6102771	36.877 ug/ml
4) T n-Dodecane (C12)	6.768	5834222	38.372 ug/ml
5) T A~2-methylnaphthalene...	7.402	6143915	38.102 ug/ml
6) T n-Tetradecane (C14)	8.599	6348463	41.793 ug/ml
7) T n-Hexadecane (C16)	10.206	6818806	42.729 ug/ml
8) T n-Octadecane (C18)	11.649	7001310	42.714 ug/ml
10) T n-Eicosane (C20)	12.960	6929336	43.081 ug/ml
11) T n-Heneicosane (C21)	13.572	6762166	42.430 ug/ml
13) T n-Docosane (C22)	14.158	6686109	41.964 ug/ml
14) T n-Tetracosane (C24)	15.245	12371152	76.734 ug/mlm
15) T n-Hexacosane (C26)	16.283	6317788	39.961 ug/ml
16) T n-Octacosane (C28)	17.230	6109027	39.702 ug/ml
17) T n-Tricontane (C30)	18.120	5945966	39.040 ug/ml
18) T n-Dotriacontane (C32)	18.951	5694494	38.223 ug/ml
19) T n-Tetratriacontane (C34)	19.733	5600917	39.758 ug/ml
20) T n-Hexatriacontane (C36)	20.473	5344325	39.964 ug/ml
21) T n-Octatriacontane (C38)	21.222	5363314	40.590 ug/ml
22) T n-Tetracontane (C40)	22.159	5480333	43.285 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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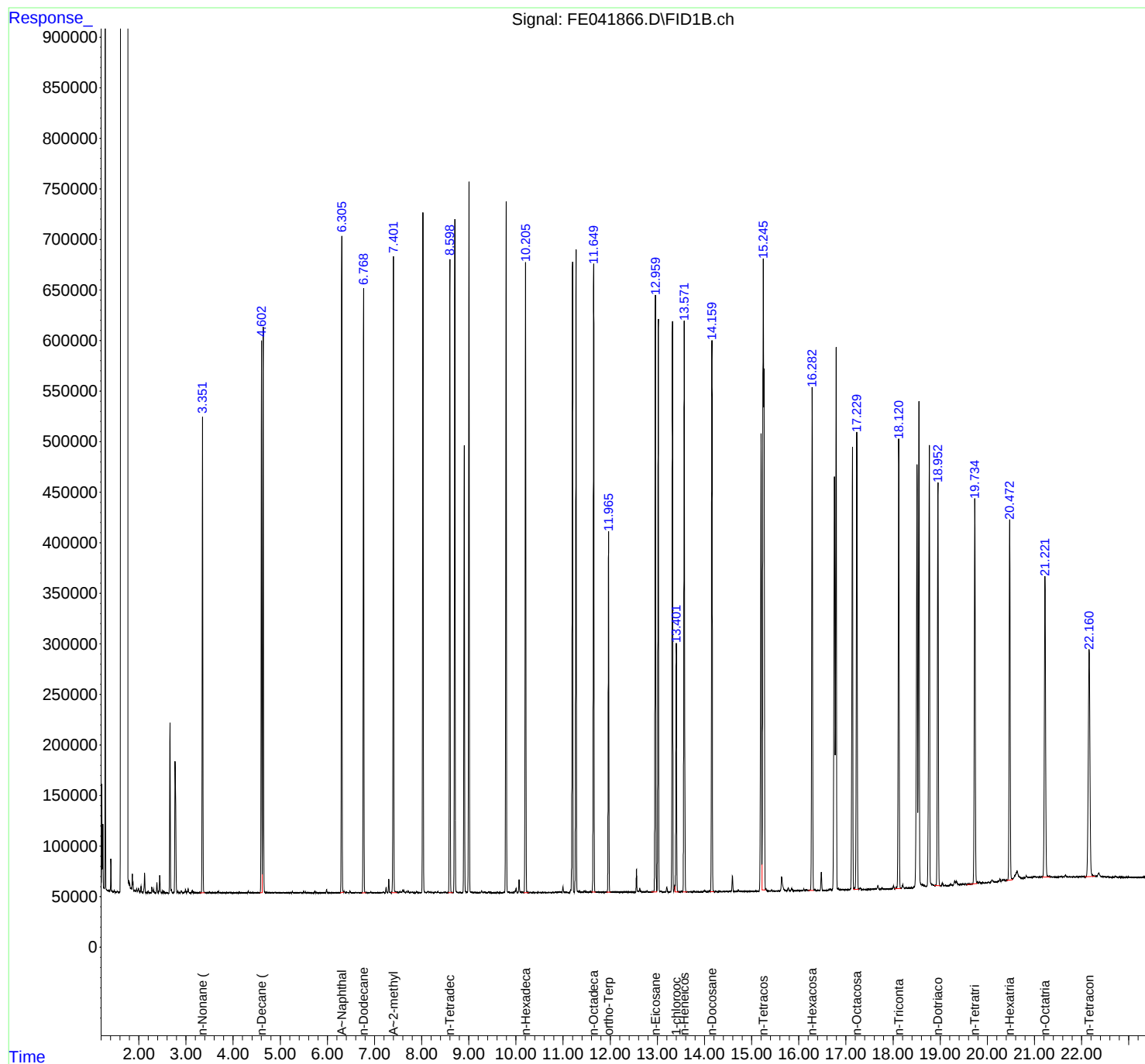
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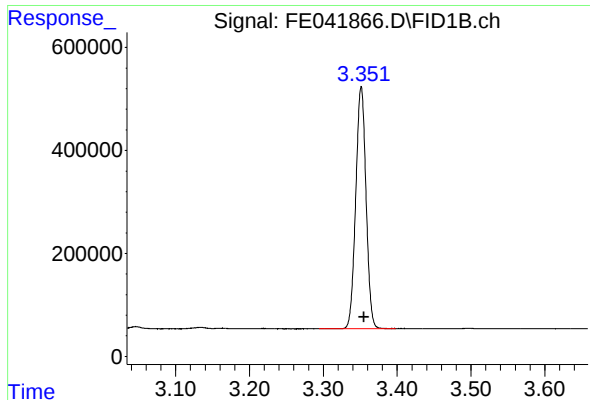
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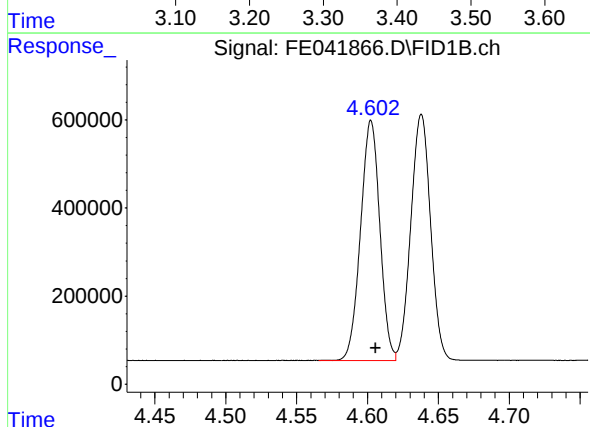
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.004 min
Response: 4545841
Conc: 30.92 ug/ml

Instrument : FID_E
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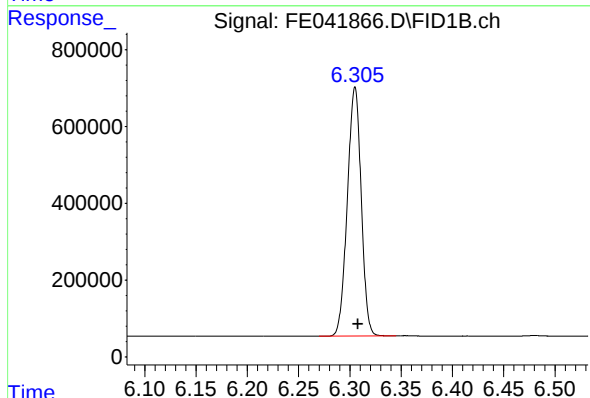
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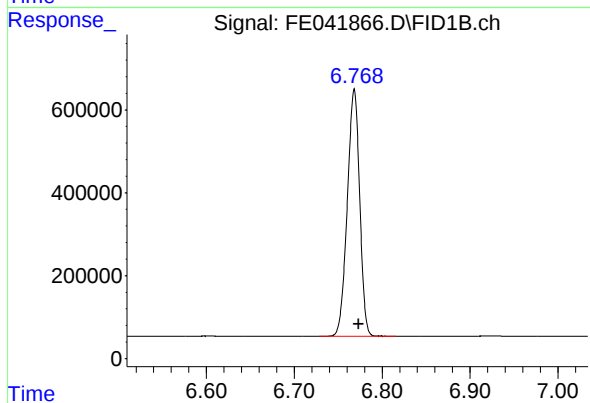
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 5157619
Conc: 34.39 ug/ml



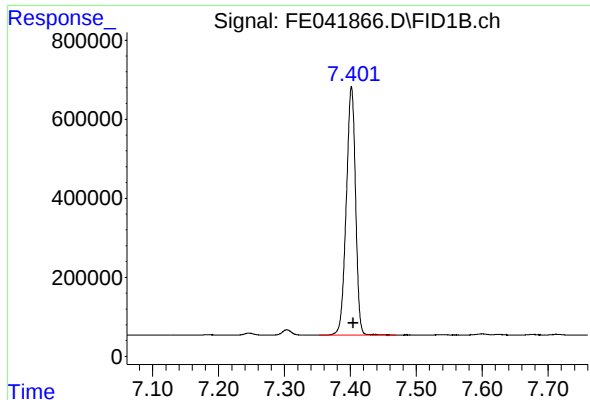
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 6102771
Conc: 36.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 5834222
Conc: 38.37 ug/ml



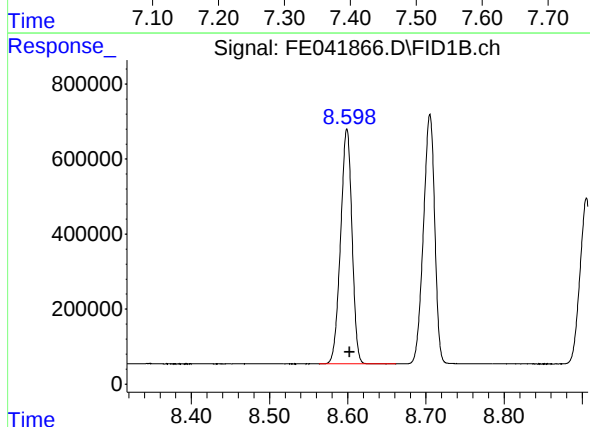
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.003 min
Response: 6143915
Conc: 38.10 ug/ml

Instrument : FID_E
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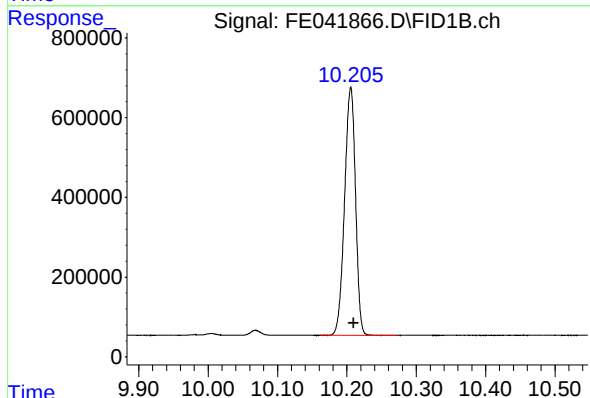
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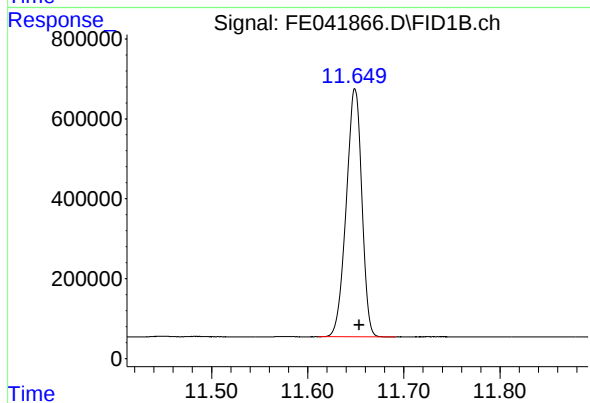
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 6348463
Conc: 41.79 ug/ml



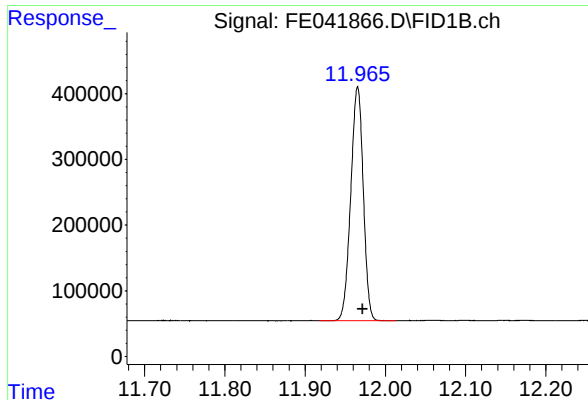
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 6818806
Conc: 42.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 7001310
Conc: 42.71 ug/ml



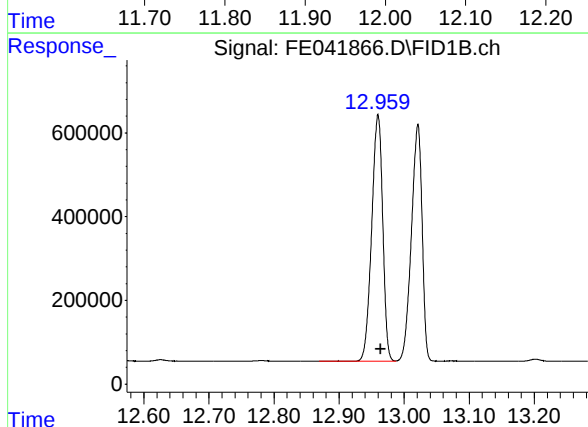
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.006 min
Response: 3855642
Conc: 20.55 ug/ml

Instrument : FID_E
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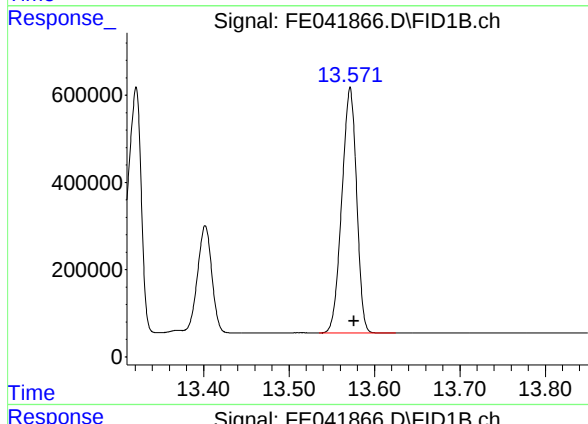
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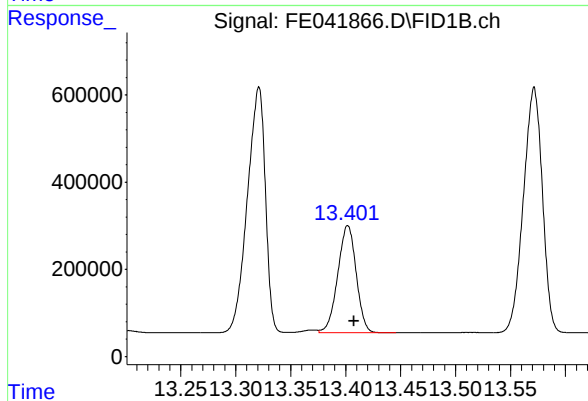
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 6929336
Conc: 43.08 ug/ml



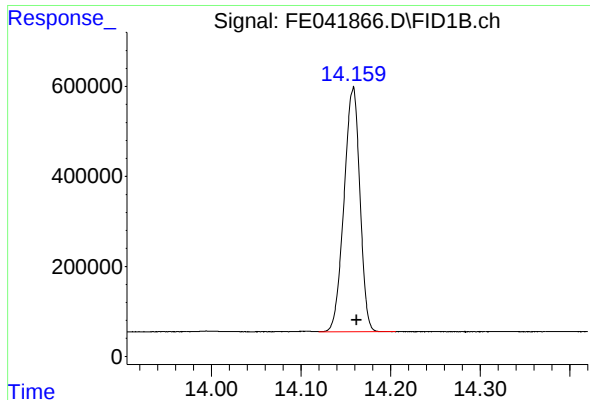
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.004 min
Response: 6762166
Conc: 42.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 2868642
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 6686109
Conc: 41.96 ug/ml

Instrument :

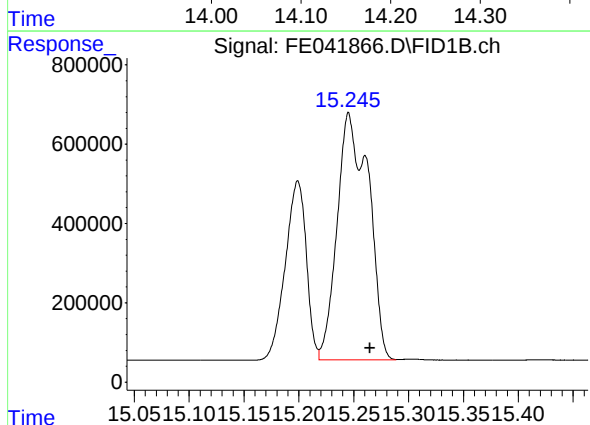
FID_E

ClientSampleId :

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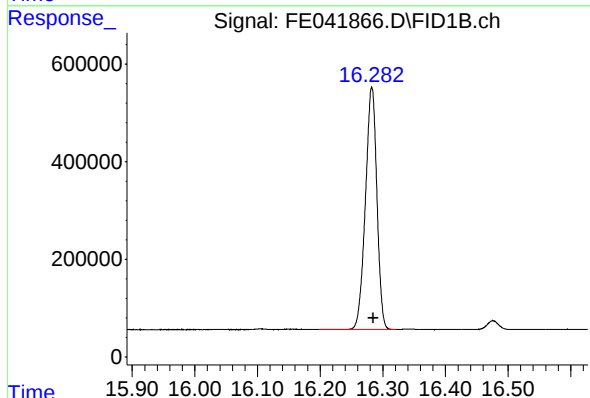
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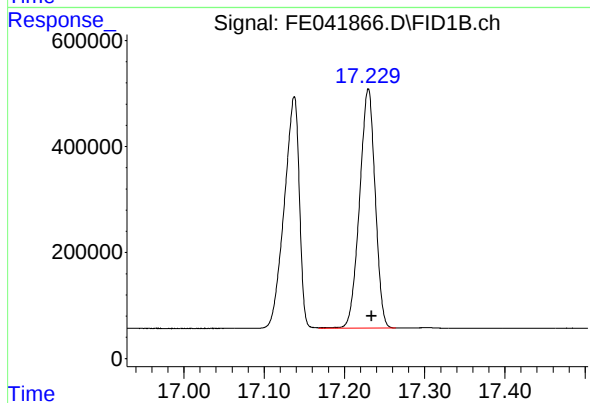
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.020 min
Response: 12371152
Conc: 76.73 ug/ml m



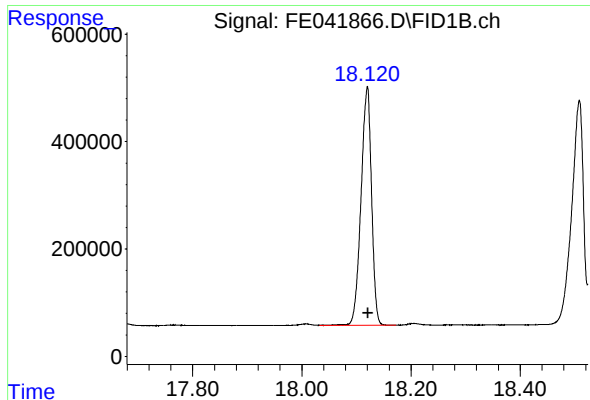
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.002 min
Response: 6317788
Conc: 39.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: -0.004 min
Response: 6109027
Conc: 39.70 ug/ml



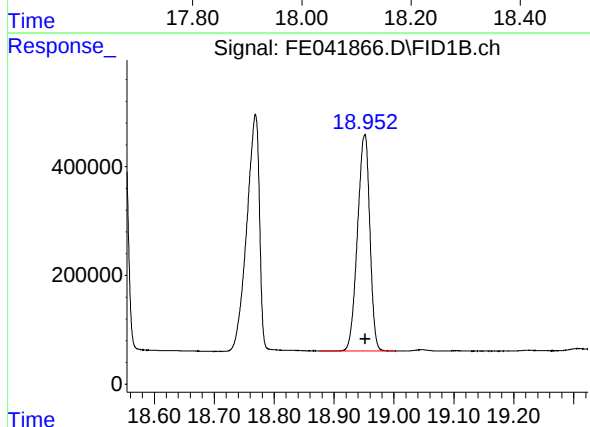
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 5945966
Conc: 39.04 ug/ml

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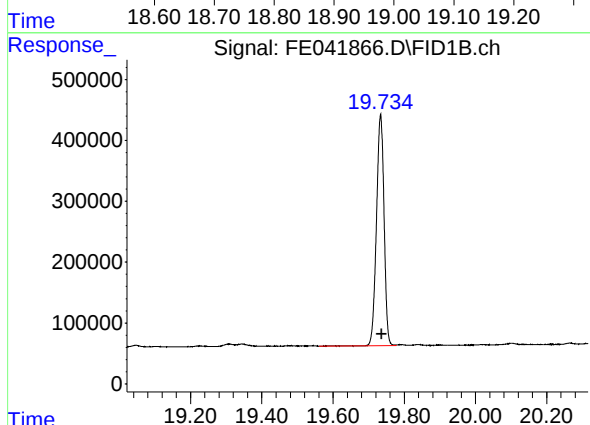
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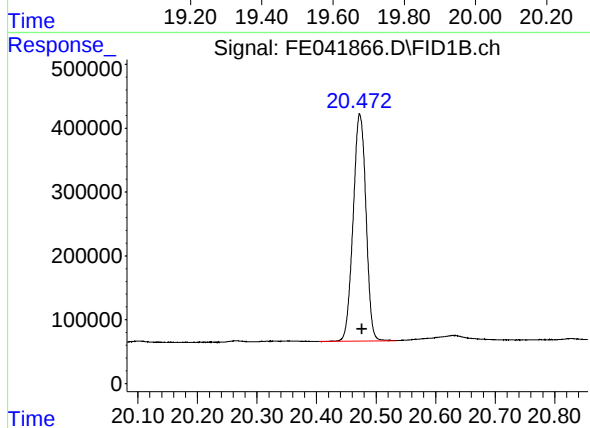
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 5694494
Conc: 38.22 ug/ml



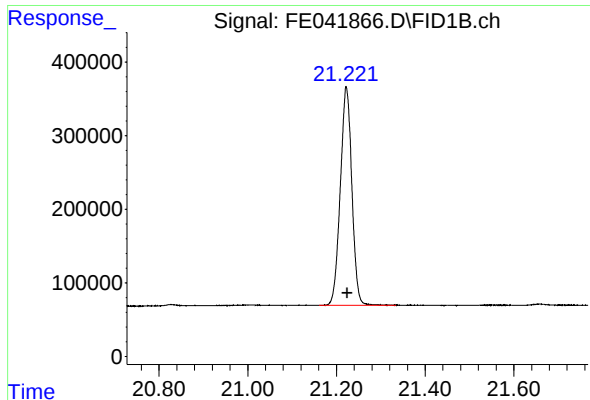
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 5600917
Conc: 39.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 5344325
Conc: 39.96 ug/ml



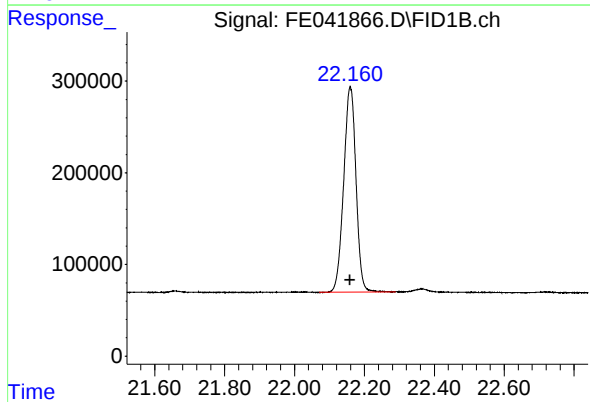
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.003 min
Response: 5363314
Conc: 40.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.000 min
Response: 5480333
Conc: 43.28 ug/ml