

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032723AL\
 Data File : FE041027.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2023 09:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2023
 Supervised By :Ankita Jodhani 03/28/2023

Integration File: autoint1.e
 Quant Time: Mar 28 03:23:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.866	3586934	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.305	2688945	18.689 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.264	3342517	19.264 ug/ml
2) T n-Decane (C10)	4.511	3300491	19.390 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3603196	19.699 ug/ml
4) T n-Dodecane (C12)	6.676	3346450	19.292 ug/ml
5) T A~2-methylnaphthalene...	7.309	3283882	19.829 ug/ml
6) T n-Tetradecane (C14)	8.502	3358902	19.264 ug/ml
7) T n-Hexadecane (C16)	10.109	3410751	19.177 ug/ml
8) T n-Octadecane (C18)	11.551	3398267	19.032 ug/ml
10) T n-Eicosane (C20)	12.861	3221552	18.887 ug/ml
11) T n-Heneicosane (C21)	13.473	3188844	18.848 ug/ml
13) T n-Docosane (C22)	14.060	3105243	18.764 ug/ml
14) T n-Tetracosane (C24)	15.164	3011287	18.613 ug/ml
15) T n-Hexacosane (C26)	16.185	2891621	18.654 ug/ml
16) T n-Octacosane (C28)	17.136	2830165	18.476 ug/ml
17) T n-Tricontane (C30)	18.025	2803618	18.342 ug/ml
18) T n-Dotriacontane (C32)	18.859	2827551	18.110 ug/ml
19) T n-Tetratriacontane (C34)	19.643	2844599	18.356 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2760469	18.173 ug/mlm
21) T n-Octatriacontane (C38)	21.113	2795719	17.896 ug/ml
22) T n-Tetracontane (C40)	22.001	2995532	18.768 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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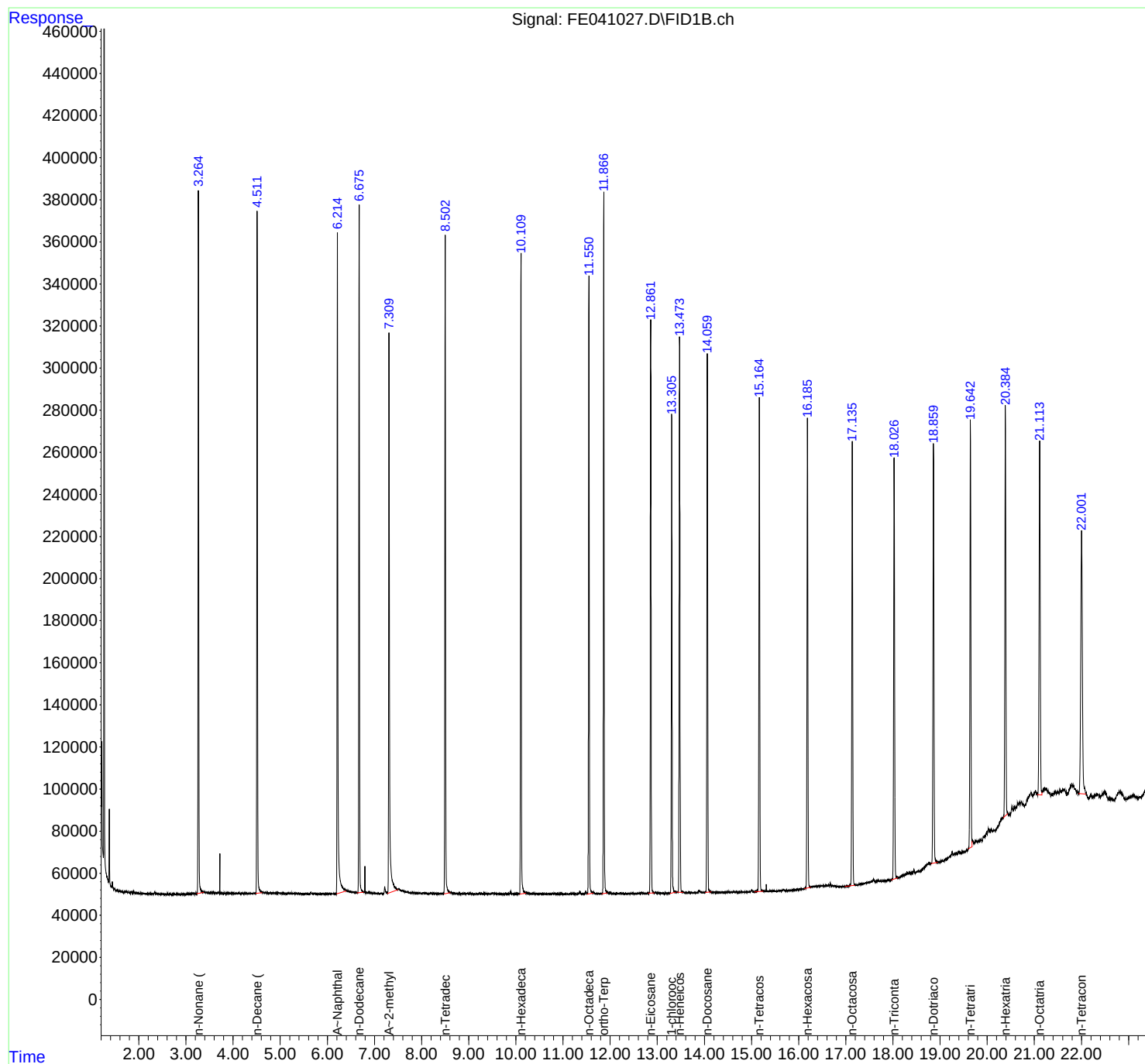
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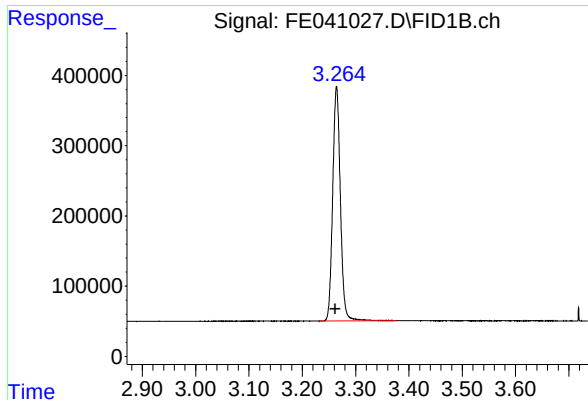
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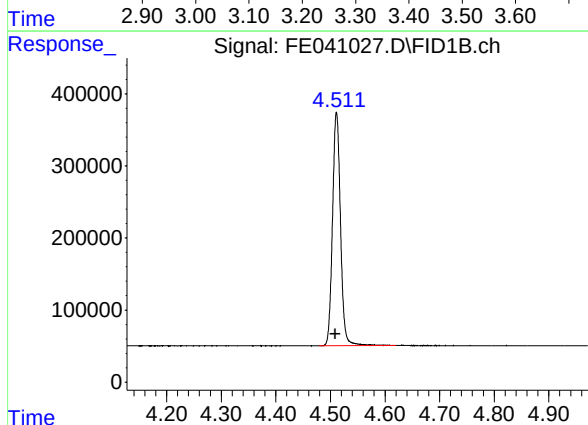
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 3342517
Conc: 19.26 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

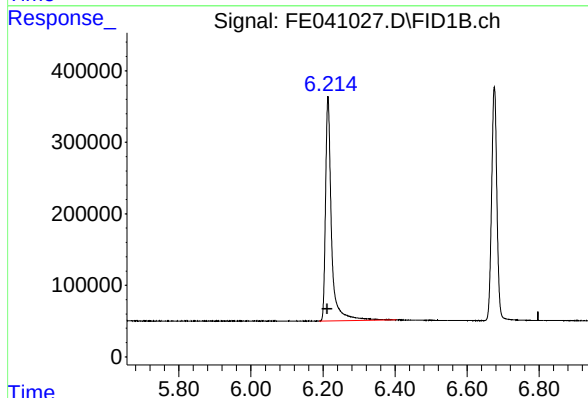
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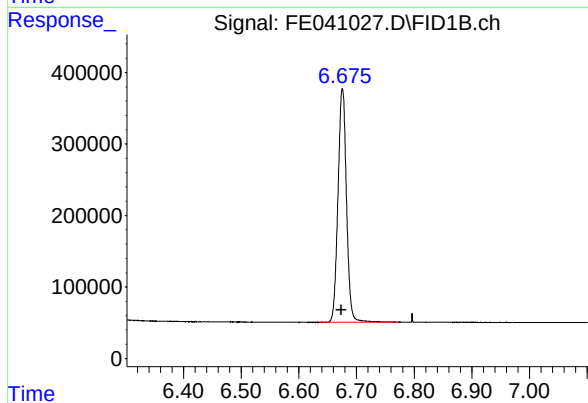
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.002 min
Response: 3300491
Conc: 19.39 ug/ml



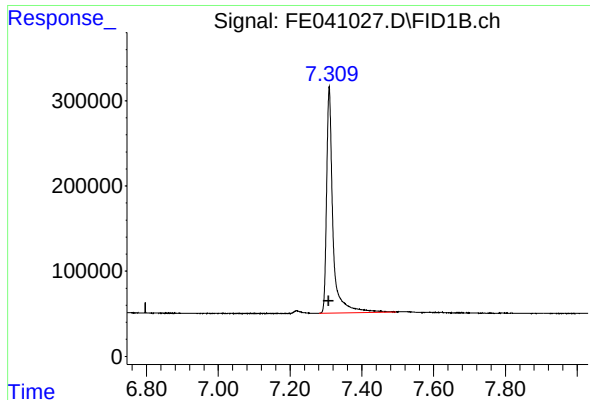
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 3603196
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 3346450
Conc: 19.29 ug/ml



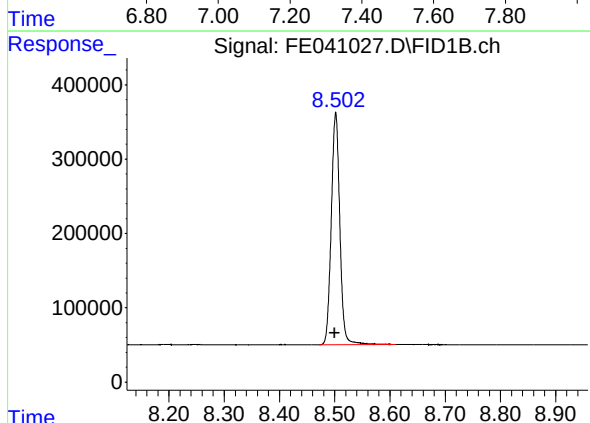
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 3283882
Conc: 19.83 ug/ml

Instrument : FID_E
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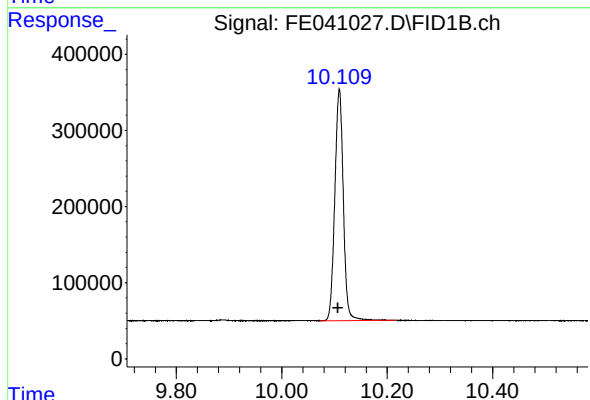
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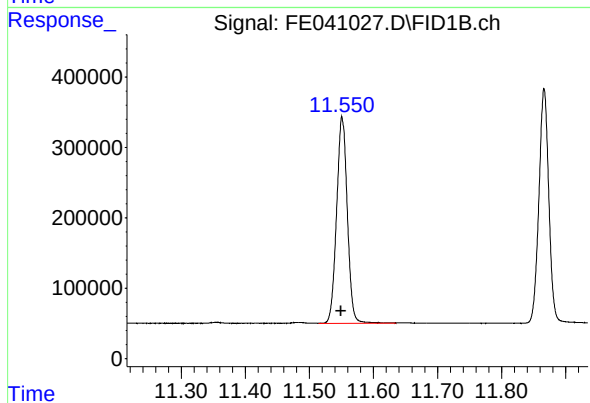
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 3358902
Conc: 19.26 ug/ml



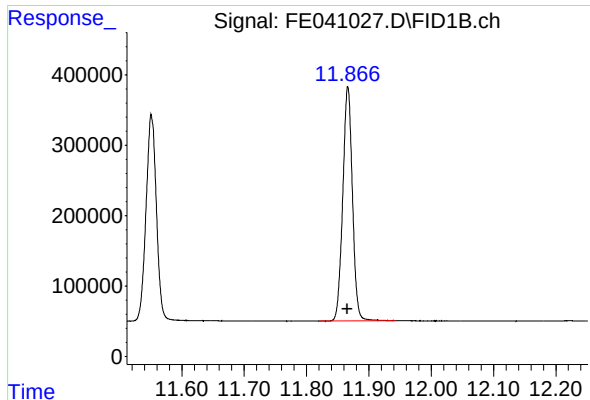
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: 0.003 min
Response: 3410751
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: 0.002 min
Response: 3398267
Conc: 19.03 ug/ml



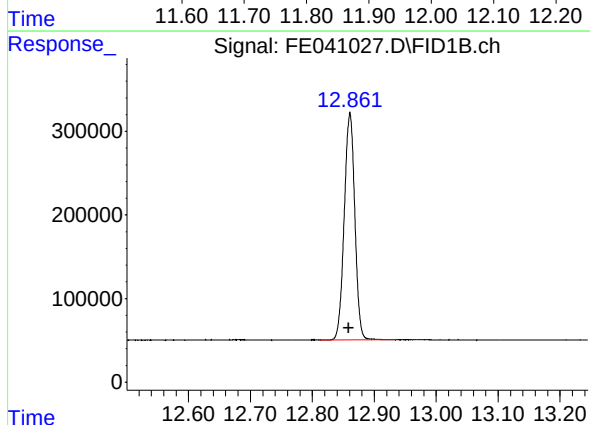
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: 0.001 min
Response: 3586934
Conc: 19.09 ug/ml

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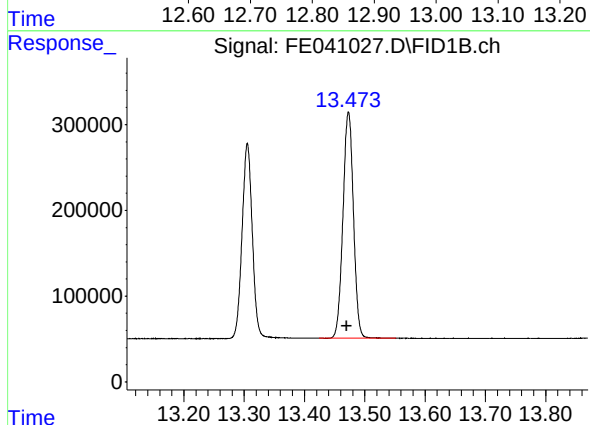
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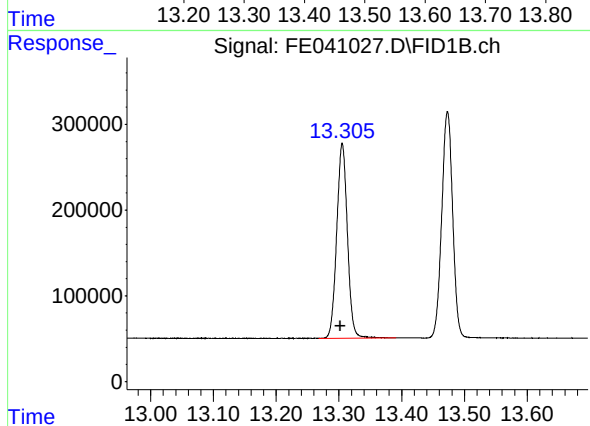
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: 0.002 min
Response: 3221552
Conc: 18.89 ug/ml



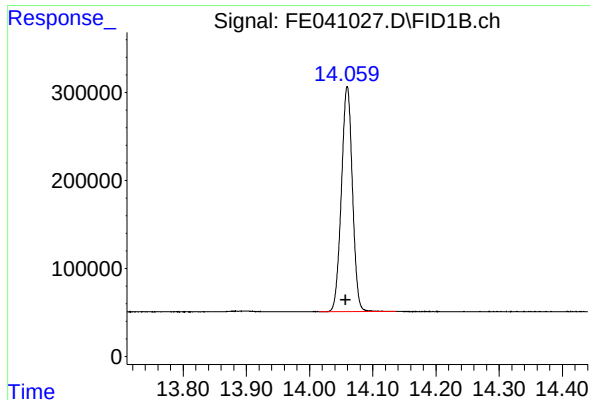
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.003 min
Response: 3188844
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.003 min
Response: 2688945
Conc: 18.69 ug/ml



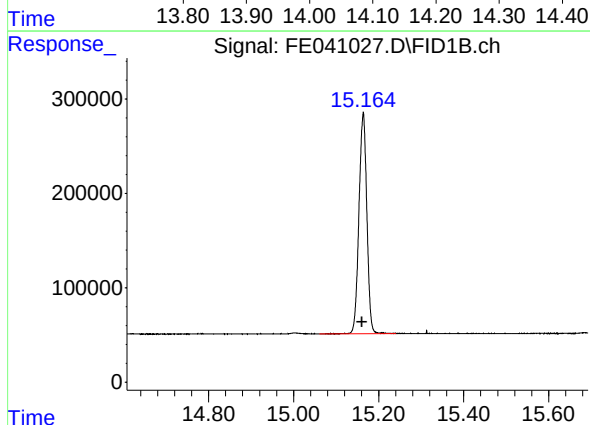
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 3105243
Conc: 18.76 ug/ml

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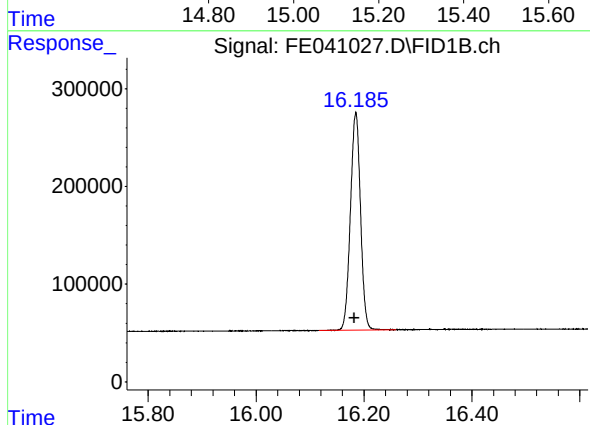
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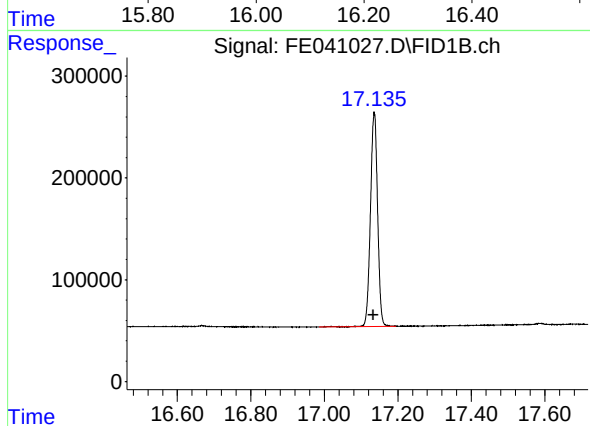
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.003 min
Response: 3011287
Conc: 18.61 ug/ml



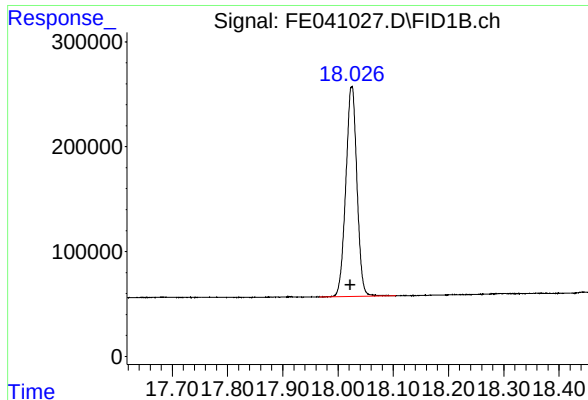
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 2891621
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: 0.003 min
Response: 2830165
Conc: 18.48 ug/ml



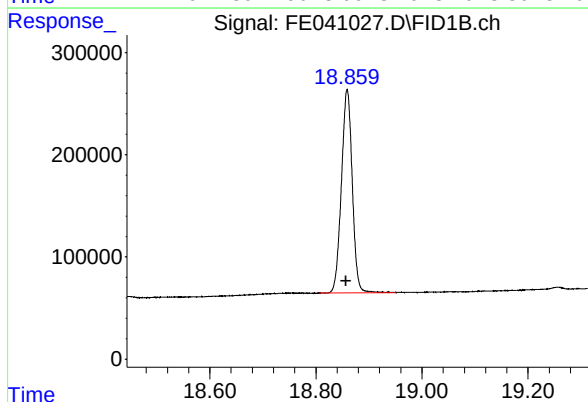
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 2803618
Conc: 18.34 ug/ml

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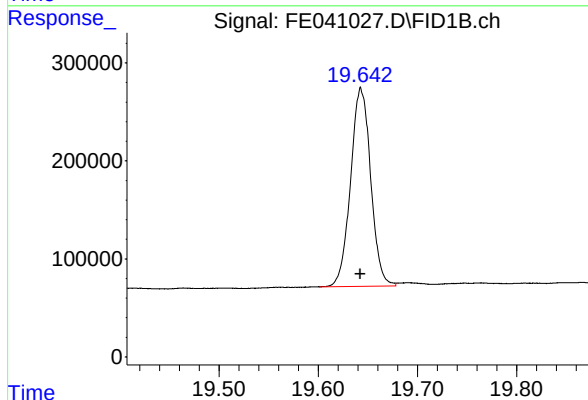
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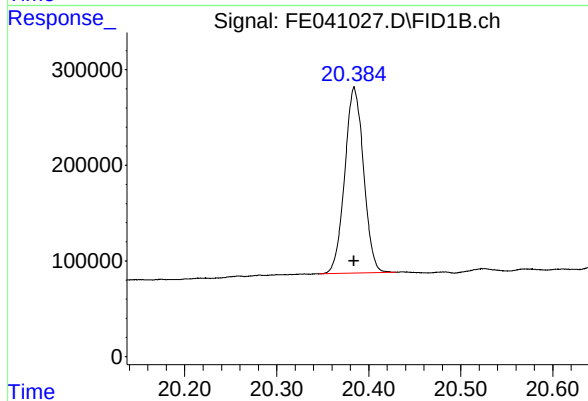
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: 0.002 min
Response: 2827551
Conc: 18.11 ug/ml



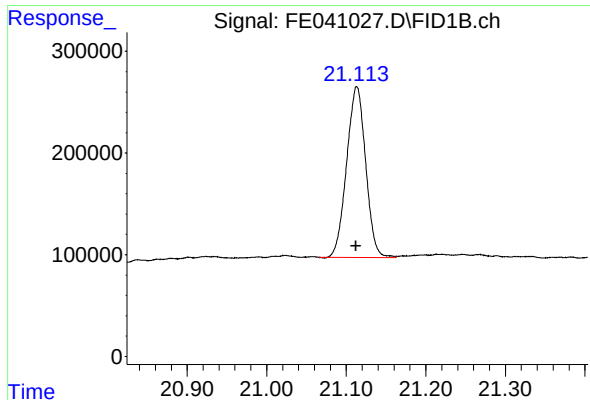
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.000 min
Response: 2844599
Conc: 18.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 2760469
Conc: 18.17 ug/ml m



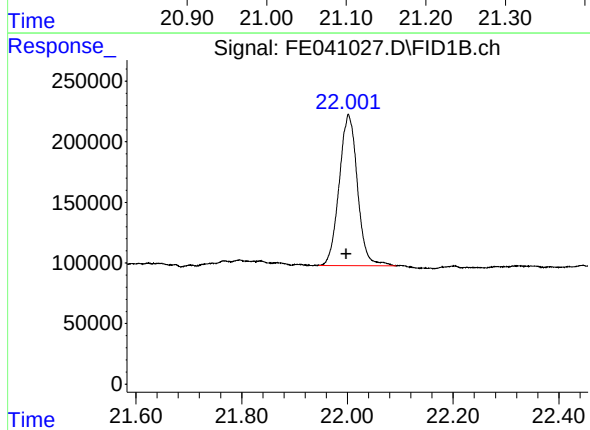
#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 2795719
Conc: 17.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.003 min
Response: 2995532
Conc: 18.77 ug/ml m