

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056803.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 06:28
 Operator : YP\AJ
 Sample : PB170496BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170496BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:26:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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...	13.389	3725257	23.121 ug/ml
Spiked Amount 50.000		Recovery =	46.24%
Target Compounds			
1) T n-Nonane (C9)	3.315	3795274	22.596 ug/ml
2) T n-Decane (C10)	4.566	4635444	27.014 ug/ml
4) T n-Dodecane (C12)	6.738	5330206	30.646 ug/ml
6) T n-Tetradecane (C14)	8.571	5684248	32.565 ug/ml
7) T n-Hexadecane (C16)	10.183	6162272	33.682 ug/ml
8) T n-Octadecane (C18)	11.630	6558937	34.654 ug/ml
10) T n-Eicosane (C20)	12.944	6815764	36.572 ug/ml
11) T n-Heneicosane (C21)	13.557	6802216	36.992 ug/ml
13) T n-Docosane (C22)	14.146	6774224	36.187 ug/ml
14) T n-Tetracosane (C24)	15.250	6643273	33.918 ug/ml
15) T n-Hexacosane (C26)	16.274	6430006	33.087 ug/ml
16) T n-Octacosane (C28)	17.226	6278263	32.419 ug/ml
17) T n-Tricontane (C30)	18.116	6066062	30.255 ug/ml
18) T n-Dotriacontane (C32)	18.950	6000656	30.514 ug/ml
19) T n-Tetratriacontane (C34)	19.735	5980839	34.649 ug/ml
20) T n-Hexatriacontane (C36)	20.476	5920174	40.926 ug/mlm
21) T n-Octatriacontane (C38)	21.226	6119197	48.619 ug/ml
22) T n-Tetracontane (C40)	22.163	6315870	54.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

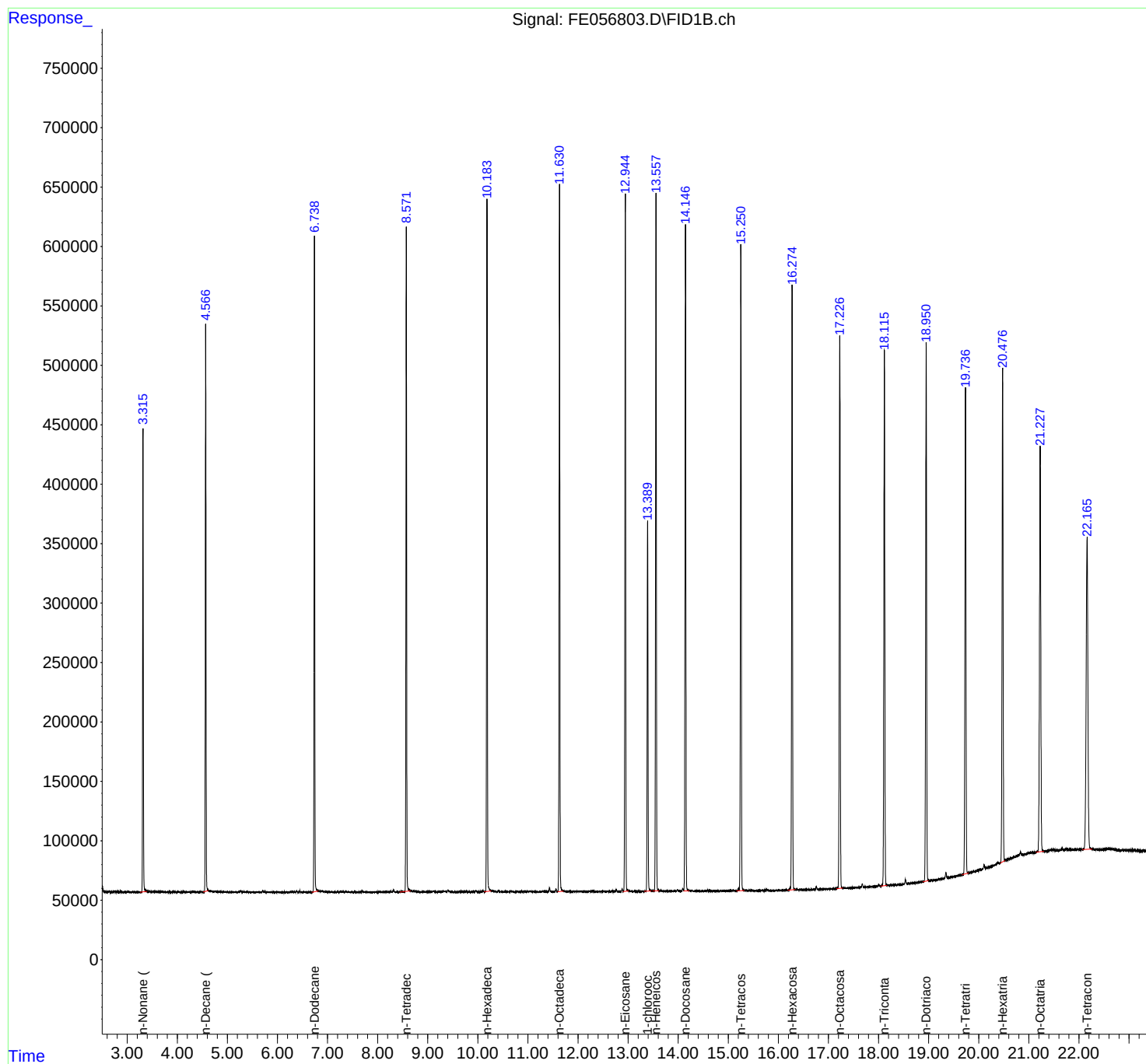
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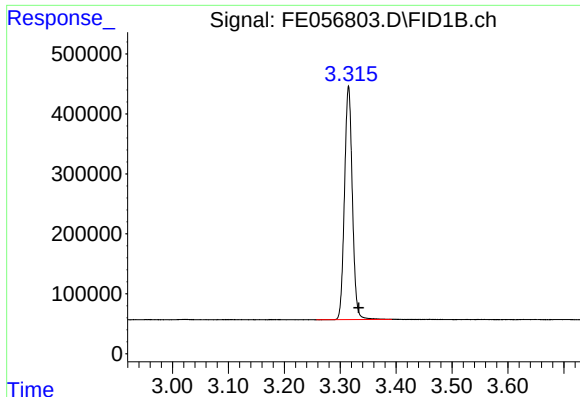
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.018 min
Response: 3795274
Conc: 22.60 ug/ml

Instrument :

FID_E

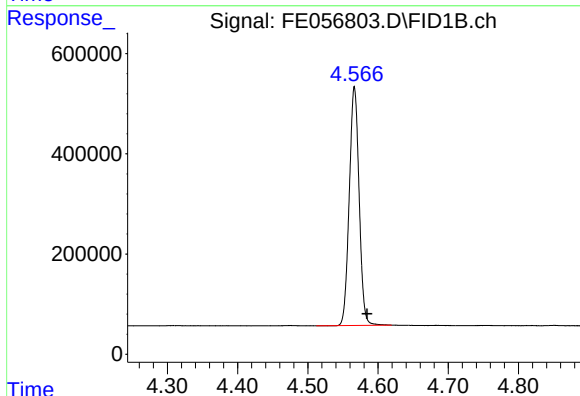
ClientSampleId :

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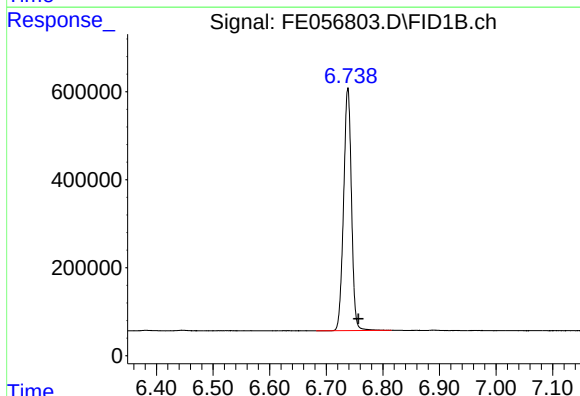
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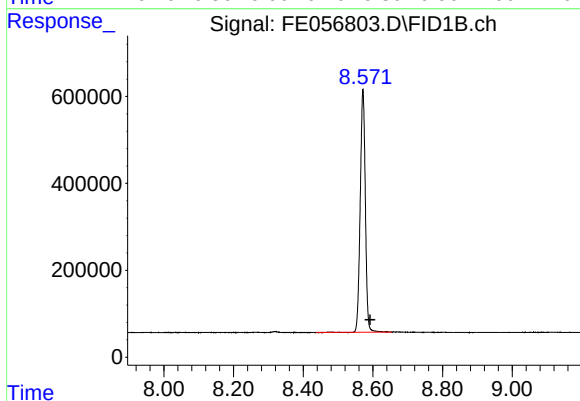
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.018 min
Response: 4635444
Conc: 27.01 ug/ml



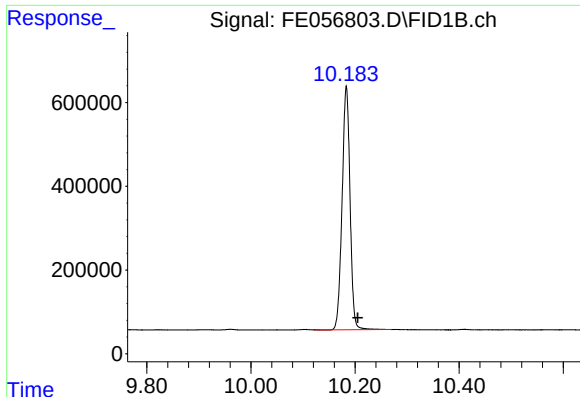
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.019 min
Response: 5330206
Conc: 30.65 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.020 min
Response: 5684248
Conc: 32.56 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6162272
Conc: 33.68 ug/ml

Instrument :

FID_E

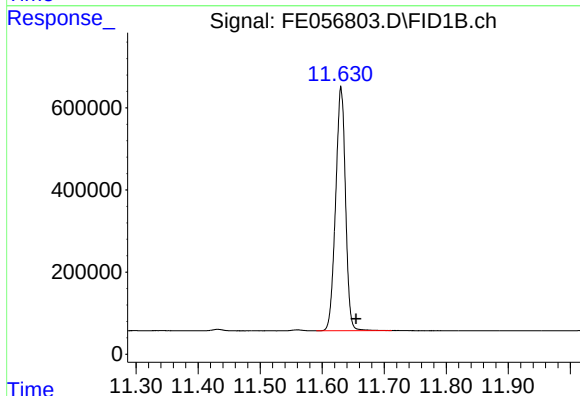
ClientSampleId :

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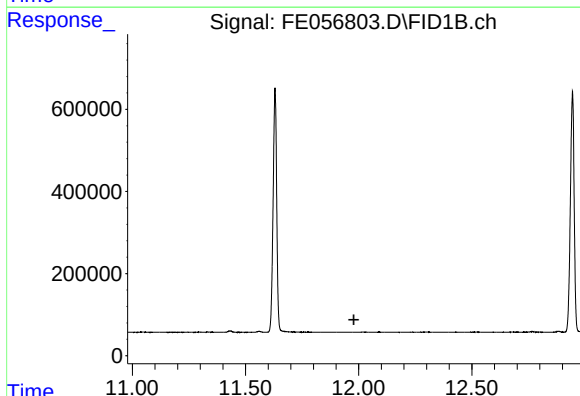
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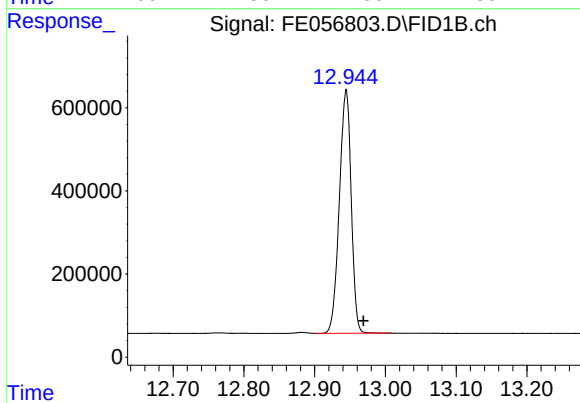
#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.024 min
Response: 6558937
Conc: 34.65 ug/ml



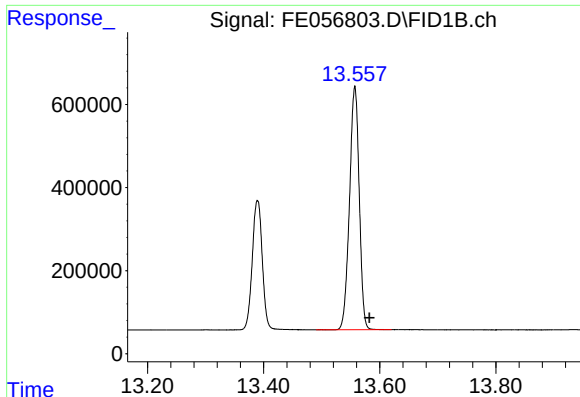
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.979 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.025 min
Response: 6815764
Conc: 36.57 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.025 min
Response: 6802216
Conc: 36.99 ug/ml

Instrument :

FID_E

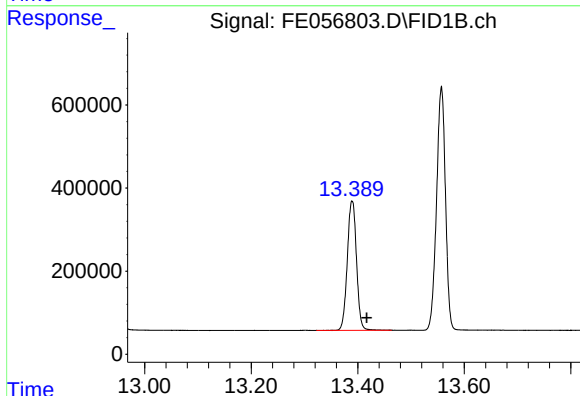
ClientSampleId :

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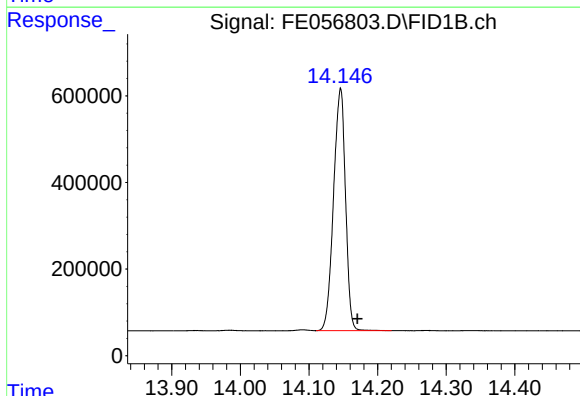
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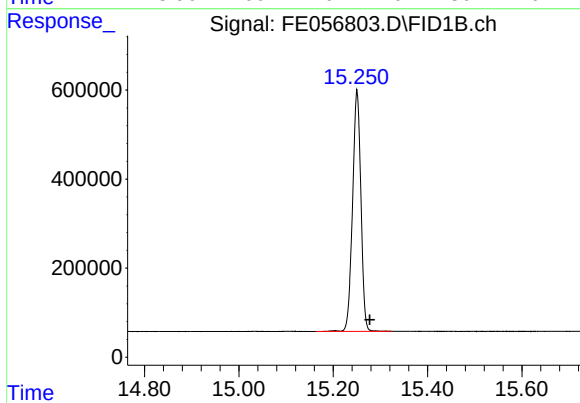
#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: -0.028 min
Response: 3725257
Conc: 23.12 ug/ml



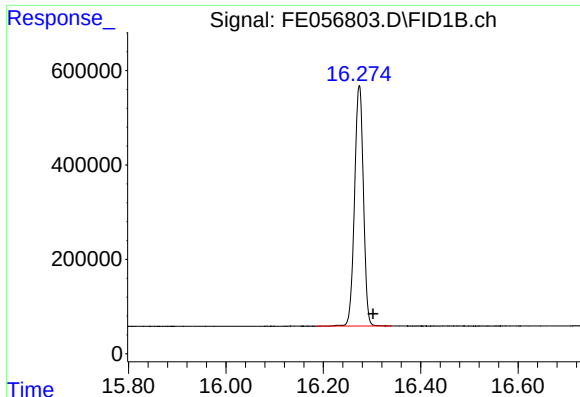
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.025 min
Response: 6774224
Conc: 36.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 6643273
Conc: 33.92 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.028 min
Response: 643006
Conc: 33.09 ug/ml

Instrument :

FID_E

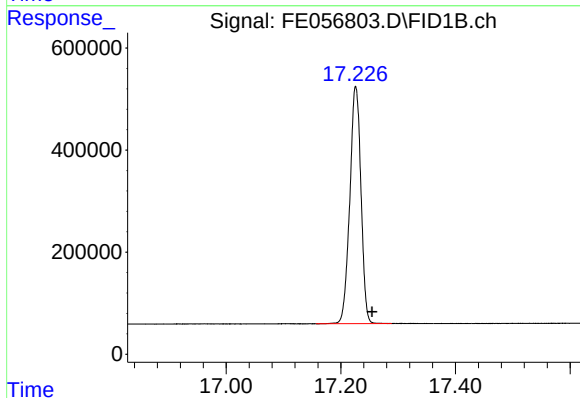
ClientSampleId :

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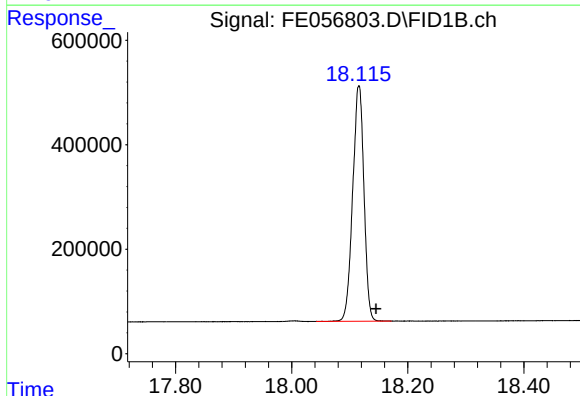
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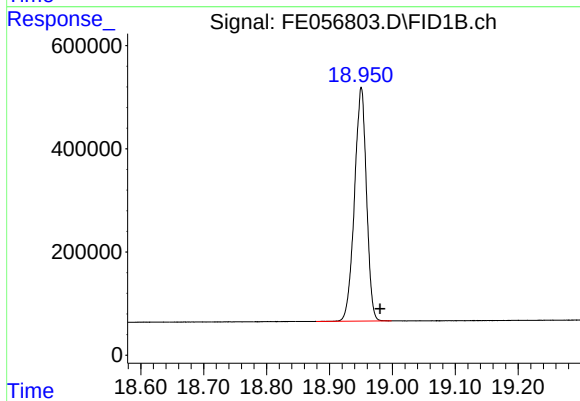
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.028 min
Response: 6278263
Conc: 32.42 ug/ml



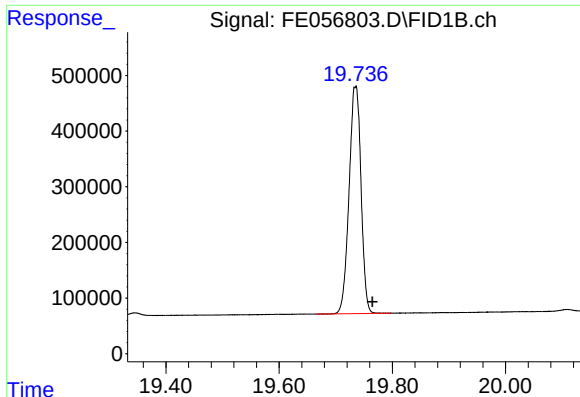
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 6066062
Conc: 30.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.030 min
Response: 6000656
Conc: 30.51 ug/ml



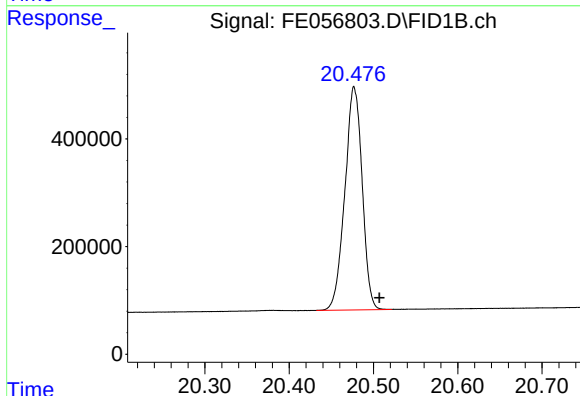
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.030 min
Response: 5980839
Conc: 34.65 ug/ml

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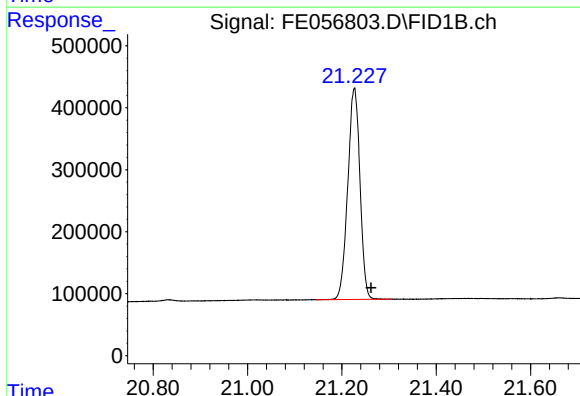
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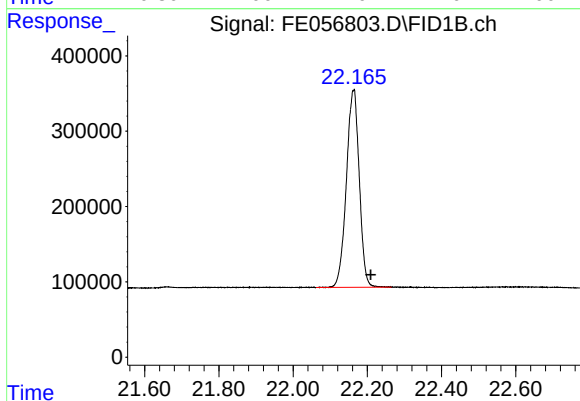
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.030 min
Response: 5920174
Conc: 40.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.036 min
Response: 6119197
Conc: 48.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.046 min
Response: 6315870
Conc: 54.63 ug/ml