

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056566.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 14:38
 Operator : YP\AJ
 Sample : PB170307BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170307BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: sample.E
 Quant Time: Oct 30 01:28:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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			
9) S ortho-Terphenyl (SURR)	11.983	7227125	35.377 ug/ml
Spiked Amount 50.000		Recovery =	70.75%
12) S 1-chlorooctadecane (S...	13.422	5683390	37.248 ug/ml
Spiked Amount 50.000		Recovery =	74.50%
Target Compounds			
1) T n-Nonane (C9)	3.347	5622876	34.496 ug/ml
2) T n-Decane (C10)	4.595	5994847	36.454 ug/mlm
3) T A~Naphthalene (C11.7)	6.304	6987427	39.527 ug/ml
4) T n-Dodecane (C12)	6.764	6372035	37.978 ug/ml
5) T A~2-methylnaphthalene...	7.404	6594502	39.577 ug/ml
6) T n-Tetradecane (C14)	8.600	6704318	40.355 ug/ml
7) T n-Hexadecane (C16)	10.212	6885960	39.358 ug/ml
8) T n-Octadecane (C18)	11.661	6855228	37.581 ug/ml
10) T n-Eicosane (C20)	12.975	6934947	38.949 ug/ml
11) T n-Heneicosane (C21)	13.589	6621505	37.740 ug/ml
13) T n-Docosane (C22)	14.177	6501815	36.731 ug/ml
14) T n-Tetracosane (C24)	15.280	13304965	73.129 ug/ml
15) T n-Hexacosane (C26)	16.308	6250399	34.820 ug/ml
16) T n-Octacosane (C28)	17.258	6190288	34.797 ug/mlm
17) T n-Tricontane (C30)	18.151	6282706	34.604 ug/ml
18) T n-Dotriacontane (C32)	18.983	6313895	35.814 ug/ml
19) T n-Tetratriacontane (C34)	19.768	6298858	40.690 ug/ml
20) T n-Hexatriacontane (C36)	20.510	6261764	50.121 ug/ml
21) T n-Octatriacontane (C38)	21.267	6318604	60.476 ug/ml
22) T n-Tetracontane (C40)	22.214	6573462	72.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170307BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

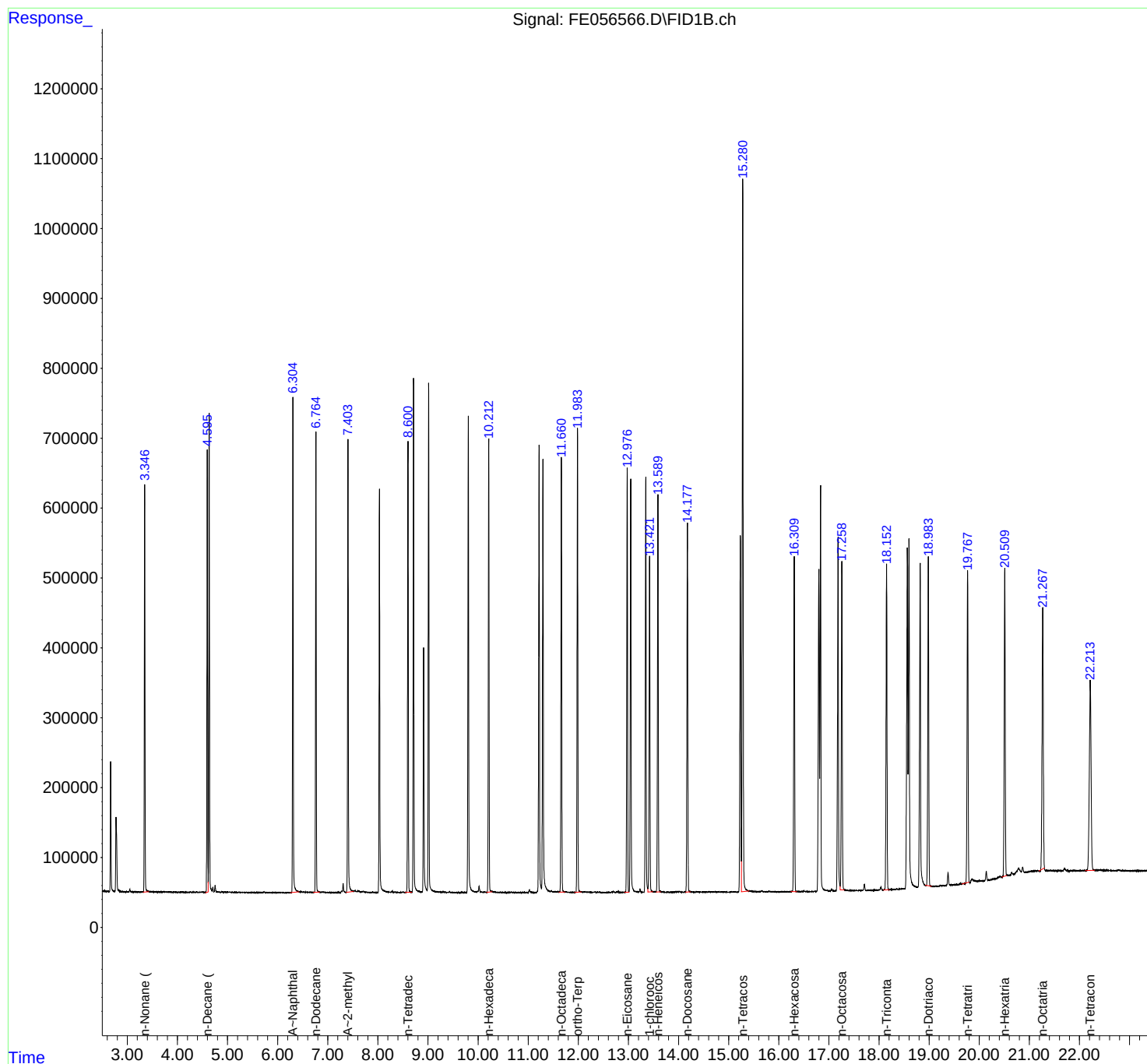
Instrument :
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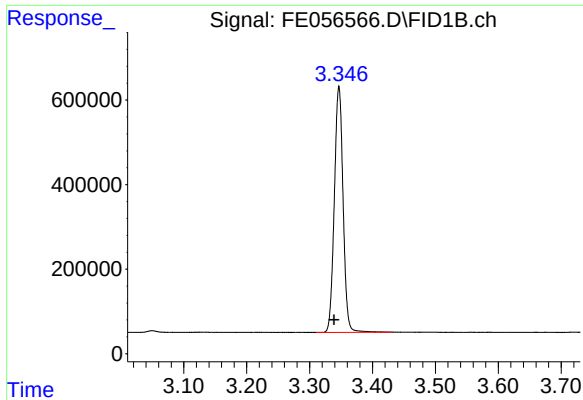
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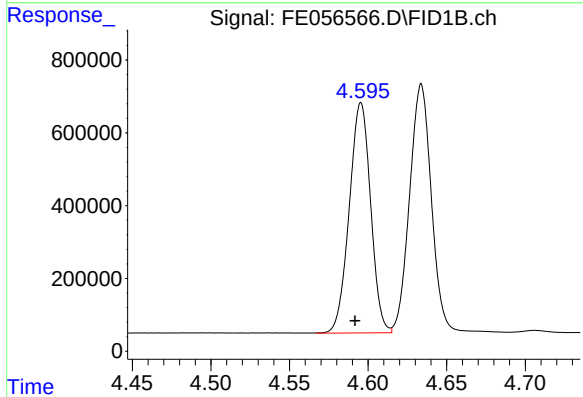
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: 0.008 min
Response: 5622876
Conc: 34.50 ug/ml

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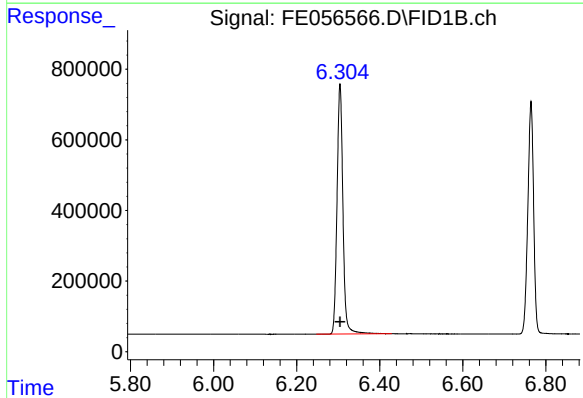
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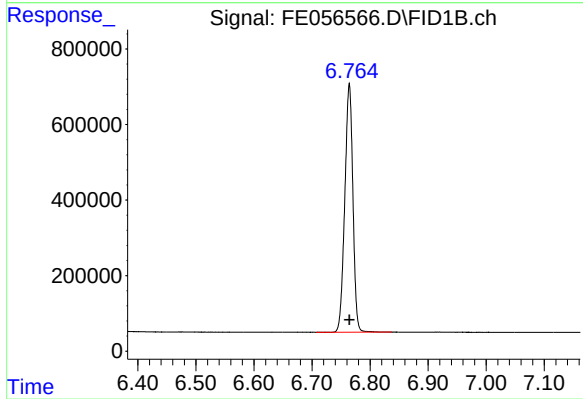
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 5994847
Conc: 36.45 ug/ml m



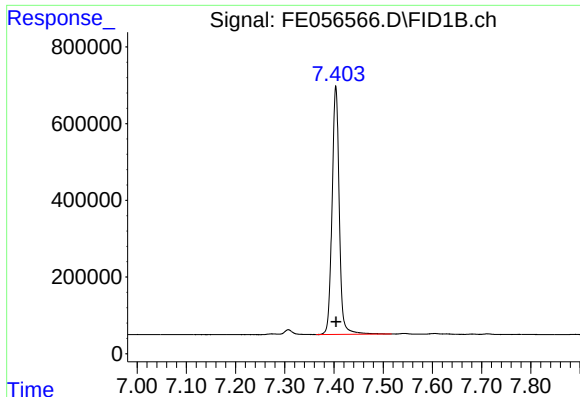
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 6987427
Conc: 39.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 6372035
Conc: 37.98 ug/ml



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

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 6594502
Conc: 39.58 ug/ml

Instrument :

FID_E

ClientSampleId :

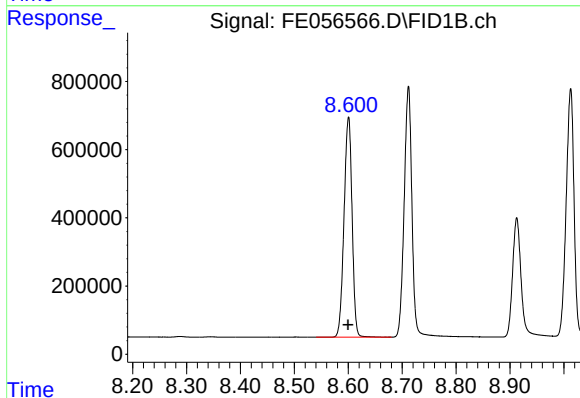
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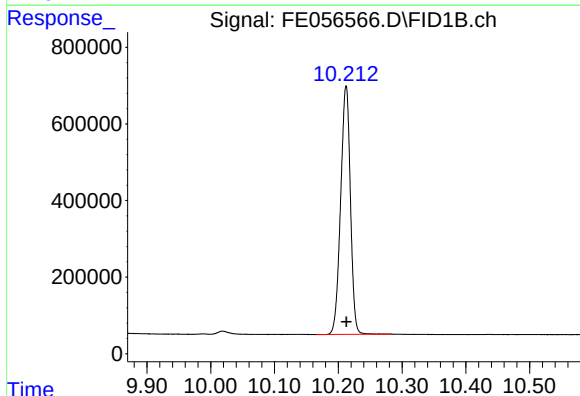
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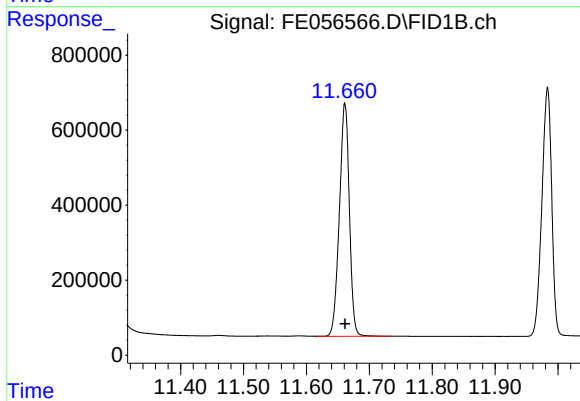
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 6704318
Conc: 40.36 ug/ml



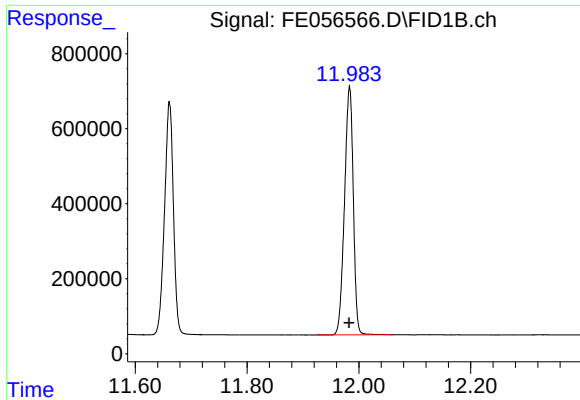
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 6885960
Conc: 39.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 6855228
Conc: 37.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.000 min
Response: 7227125
Conc: 35.38 ug/ml

Instrument :

FID_E

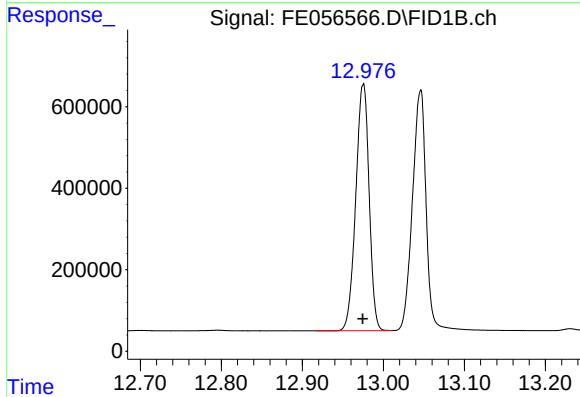
ClientSampleId :

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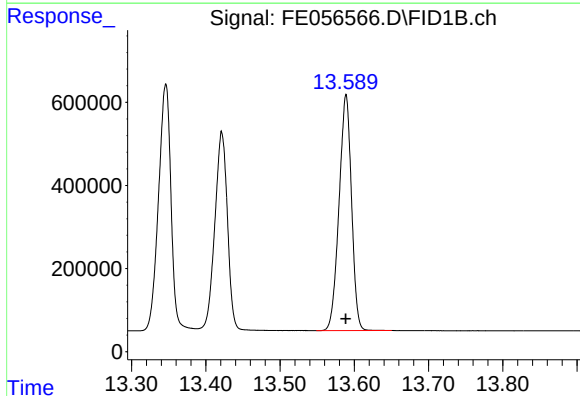
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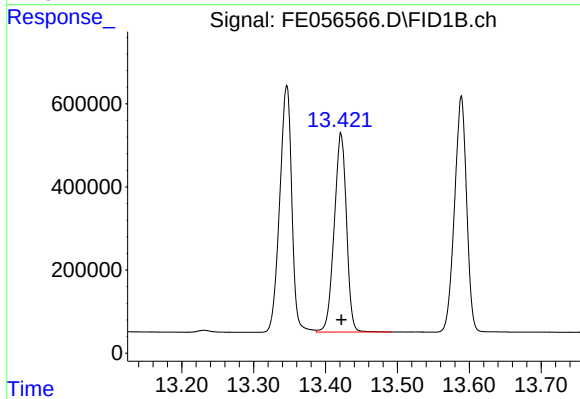
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 6934947
Conc: 38.95 ug/ml



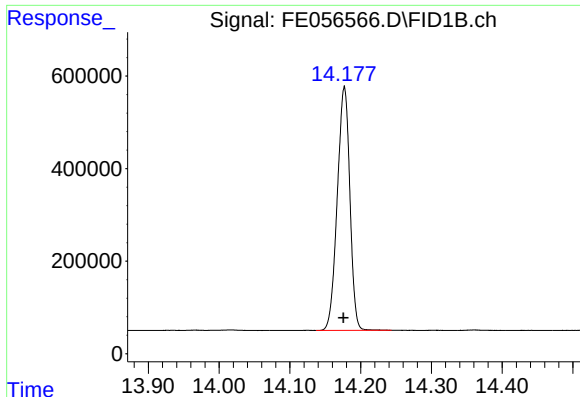
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 6621505
Conc: 37.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 5683390
Conc: 37.25 ug/ml



#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.001 min
Response: 6501815
Conc: 36.73 ug/ml

Instrument :

FID_E

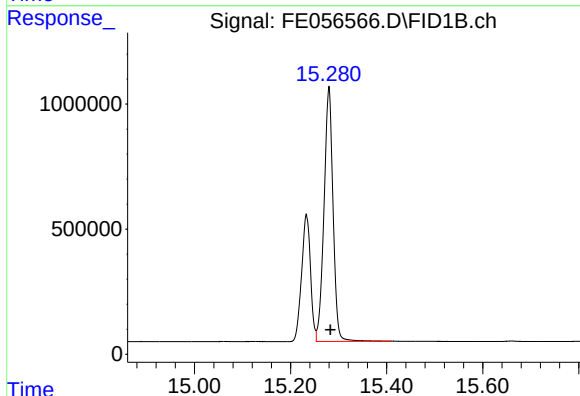
ClientSampleId :

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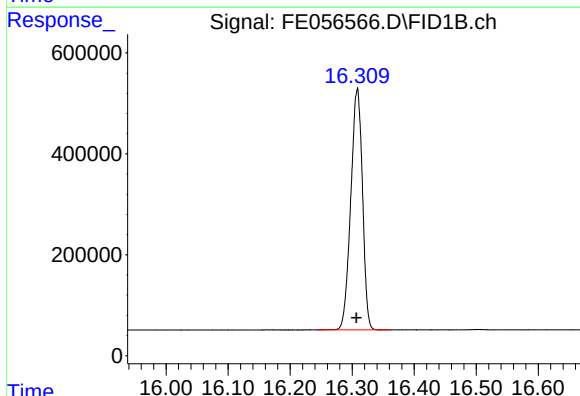
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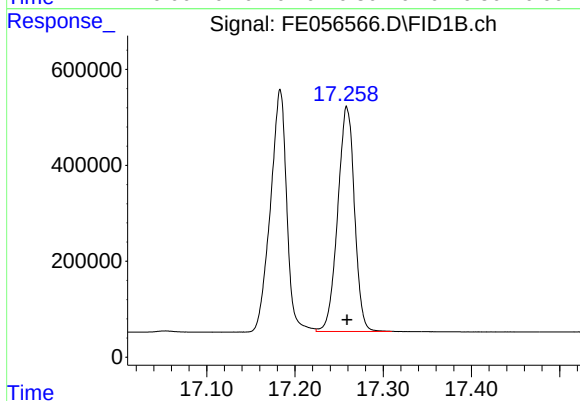
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: -0.004 min
Response: 13304965
Conc: 73.13 ug/ml



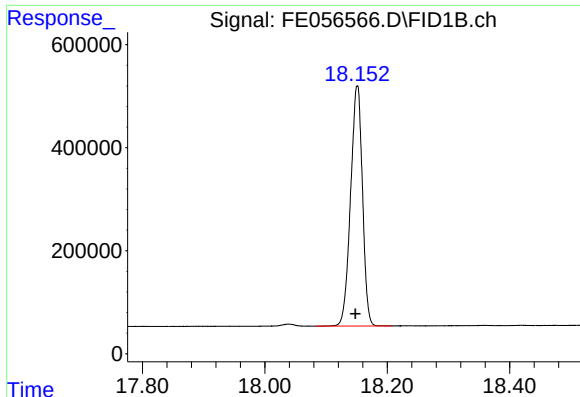
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.002 min
Response: 6250399
Conc: 34.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.258 min
Delta R.T.: -0.001 min
Response: 6190288
Conc: 34.80 ug/ml m



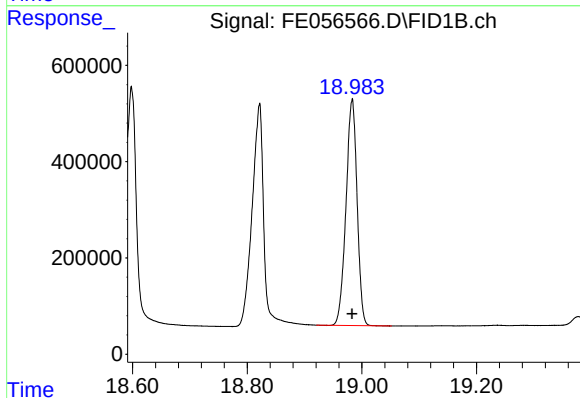
#17 n-Tricontane (C30)

R.T.: 18.151 min
Delta R.T.: 0.003 min
Response: 6282706
Conc: 34.60 ug/ml

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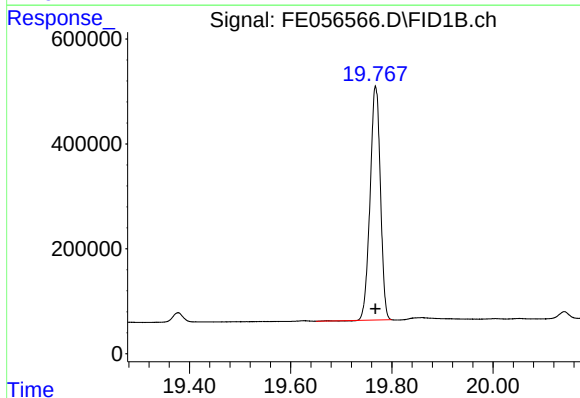
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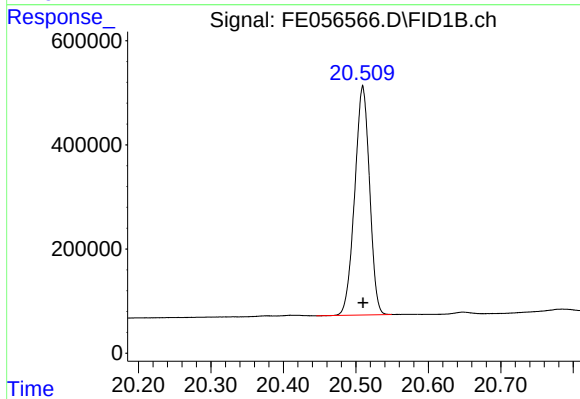
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 6313895
Conc: 35.81 ug/ml



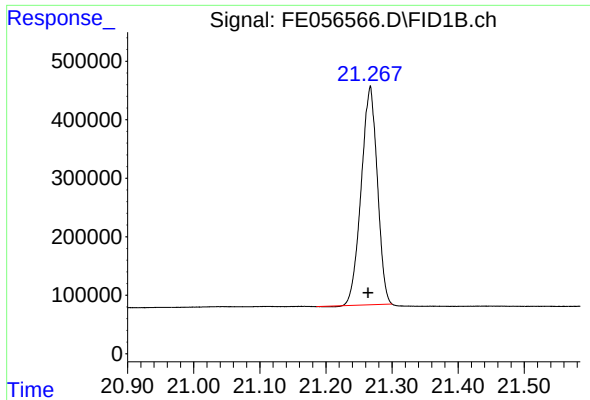
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 6298858
Conc: 40.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 6261764
Conc: 50.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: 0.003 min
Response: 6318604
Conc: 60.48 ug/ml

Instrument :

FID_E

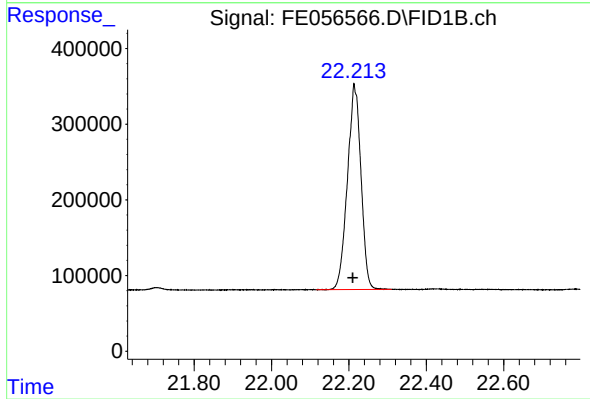
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#22 n-Tetracontane (C40)

R.T.: 22.214 min
Delta R.T.: 0.004 min
Response: 6573462
Conc: 72.44 ug/ml