

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
 Data File : FE057081.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 13:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: sample.E
 Quant Time: Dec 01 07:58:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 07:57:16 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)	11.940	4386274	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.378	3342691	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.299	3913269	20.000 ug/ml
2) T n-Decane (C10)	4.551	4066962	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.268	4104533	20.000 ug/ml
4) T n-Dodecane (C12)	6.724	4098464	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.368	3867913	20.000 ug/ml
6) T n-Tetradecane (C14)	8.558	4043026	20.000 ug/ml
7) T n-Hexadecane (C16)	10.170	4120421	20.000 ug/ml
8) T n-Octadecane (C18)	11.617	4129503	20.000 ug/ml
10) T n-Eicosane (C20)	12.931	3918861	20.000 ug/ml
11) T n-Heneicosane (C21)	13.544	3831131	20.000 ug/ml
13) T n-Docosane (C22)	14.132	3781526	20.000 ug/ml
14) T n-Tetracosane (C24)	15.238	3752748	20.000 ug/ml
15) T n-Hexacosane (C26)	16.262	3721100	20.000 ug/ml
16) T n-Octacosane (C28)	17.214	3810559	20.000 ug/ml
17) T n-Tricontane (C30)	18.105	4167826	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.940	4322475	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4056506	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.466	3587436	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.214	3372052	20.000 ug/ml
22) T n-Tetracontane (C40)	22.146	3288519	20.000 ug/ml

(f)=RT Delta > 1/2 Window

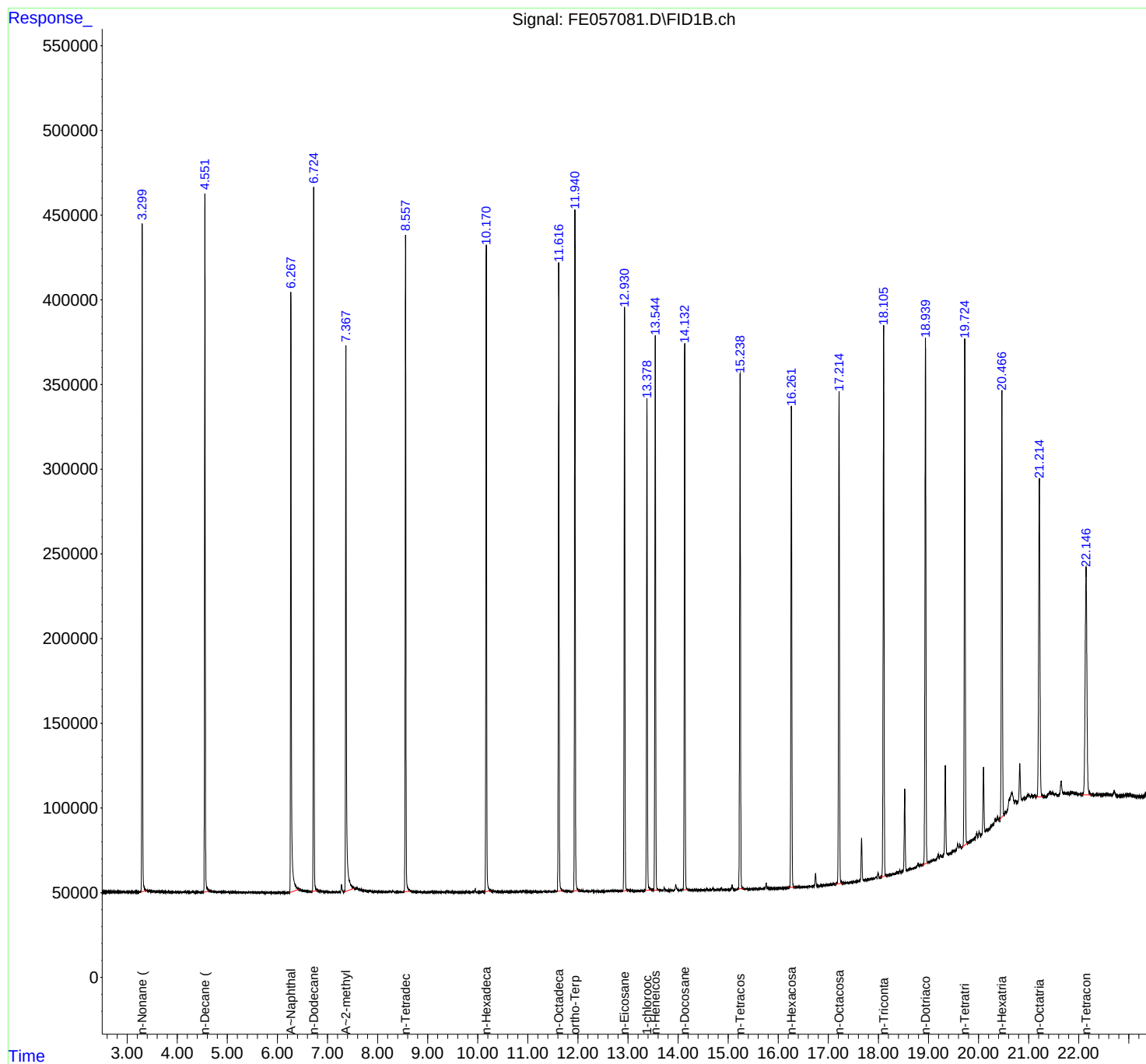
(m)=manual int.

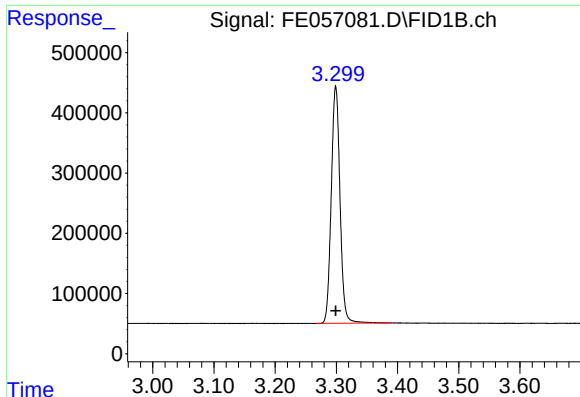
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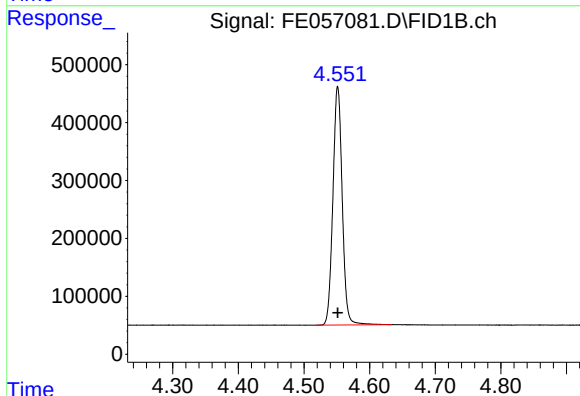




#1 n-Nonane (C9)

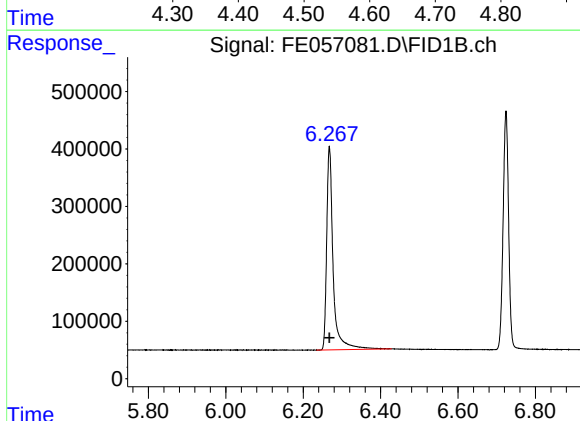
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3913269
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



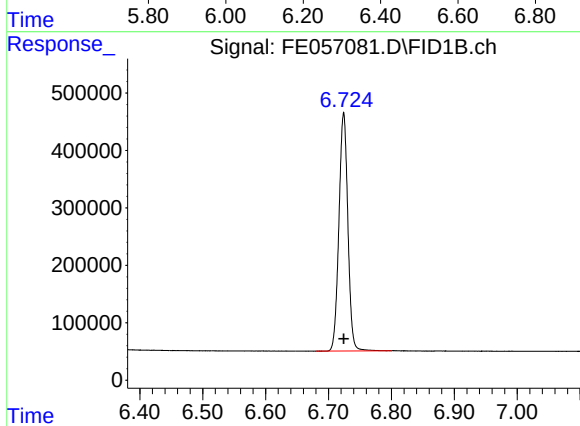
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 4066962
Conc: 20.00 ug/ml



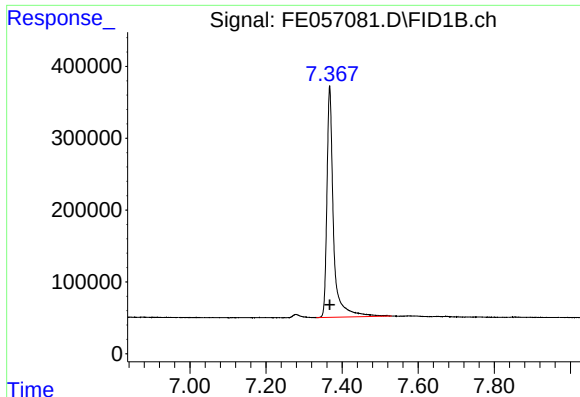
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 4104533
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

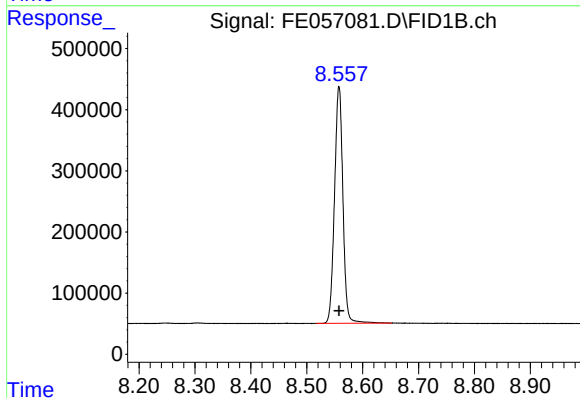
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4098464
Conc: 20.00 ug/ml



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

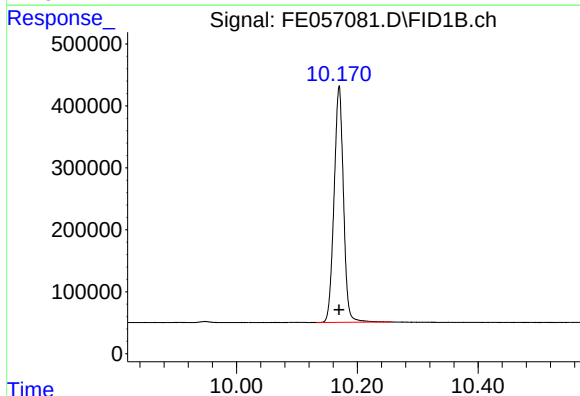
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3867913
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



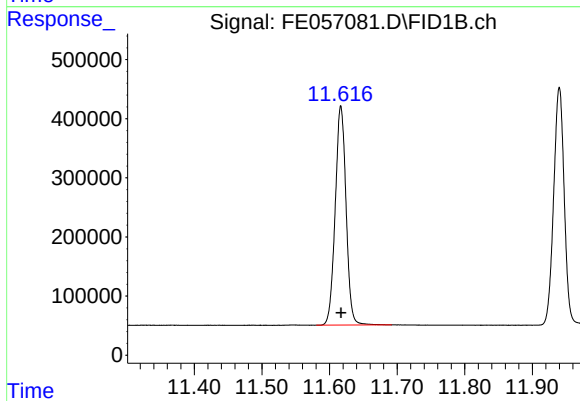
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 4043026
Conc: 20.00 ug/ml



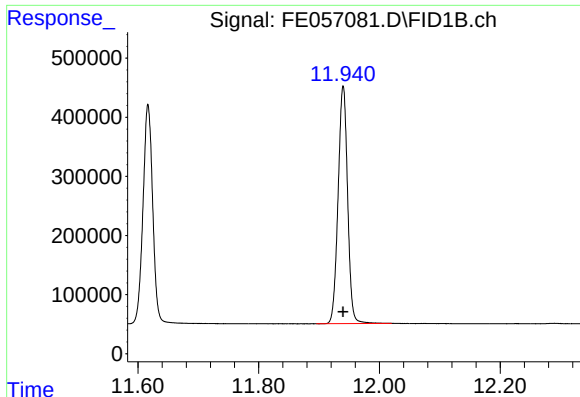
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 4120421
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

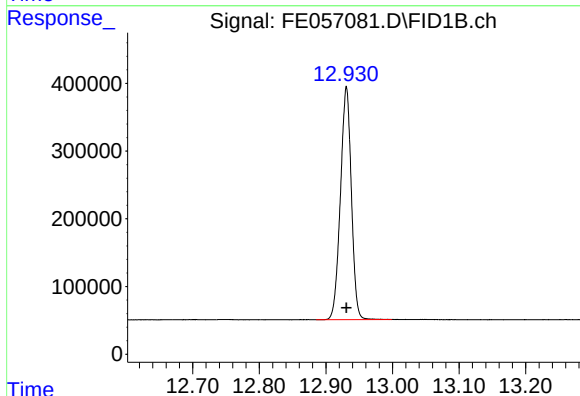
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 4129503
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

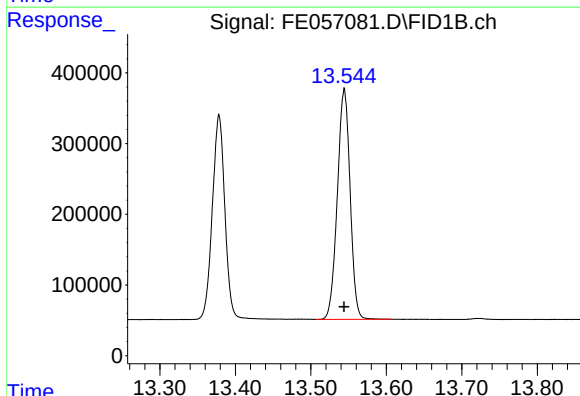
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4386274
Conc: 20.00 ug/ml

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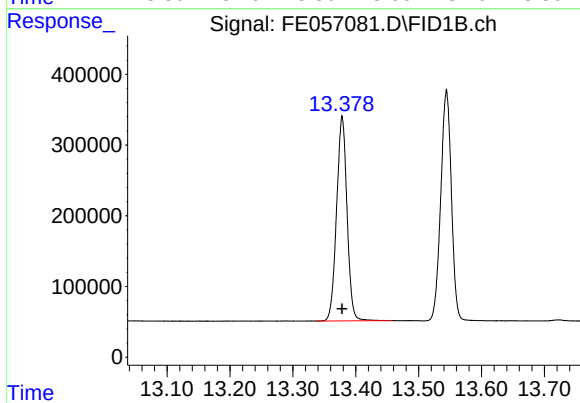
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.000 min
Response: 3918861
Conc: 20.00 ug/ml



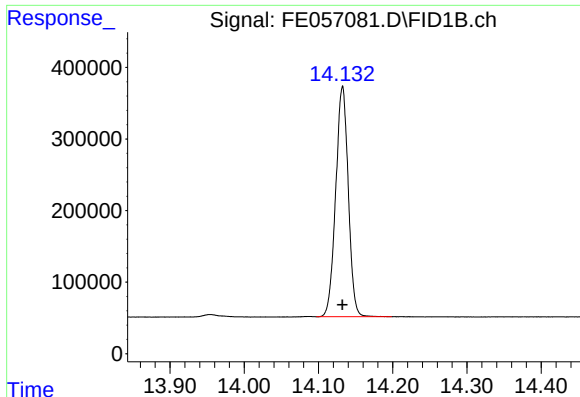
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3831131
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

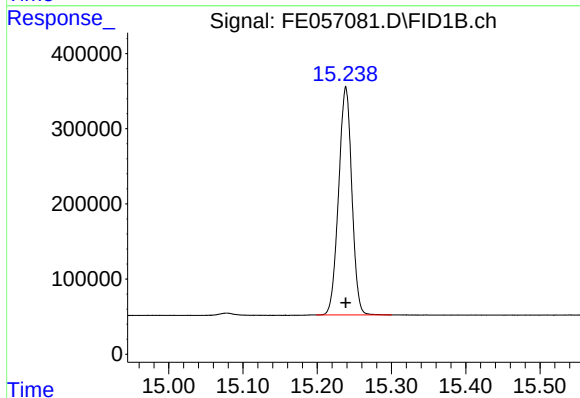
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3342691
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

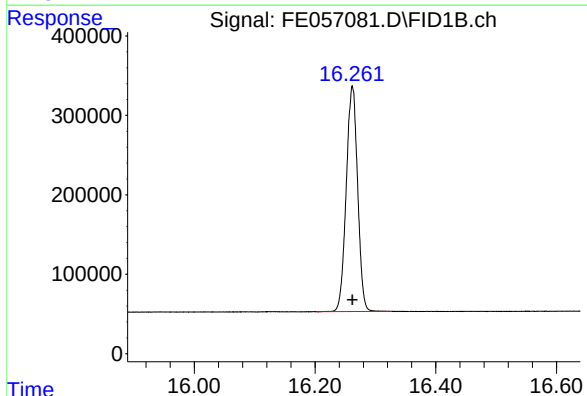
R.T.: 14.132 min
Delta R.T.: 0.000 min
Response: 3781526
Conc: 20.00 ug/ml

Instrument :
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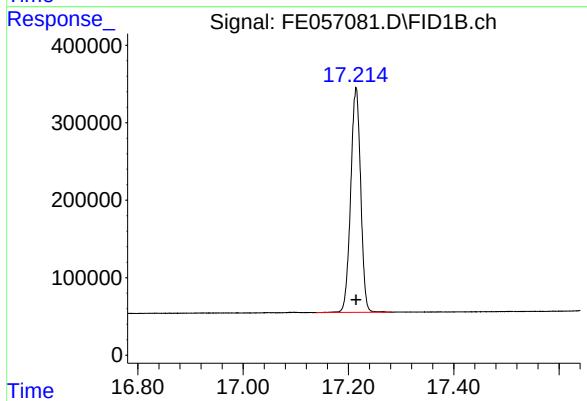
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3752748
Conc: 20.00 ug/ml



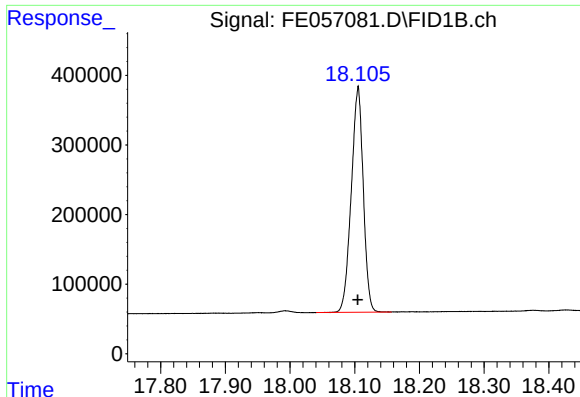
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 3721100
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

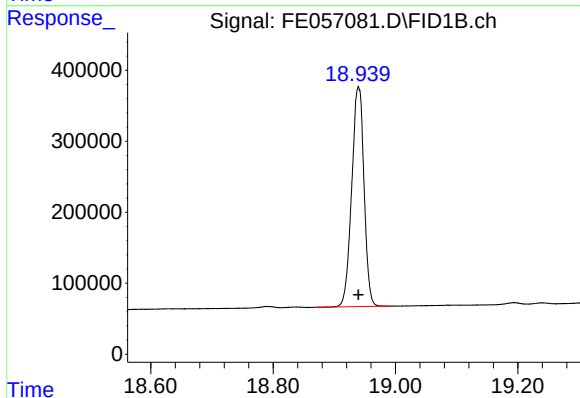
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 3810559
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

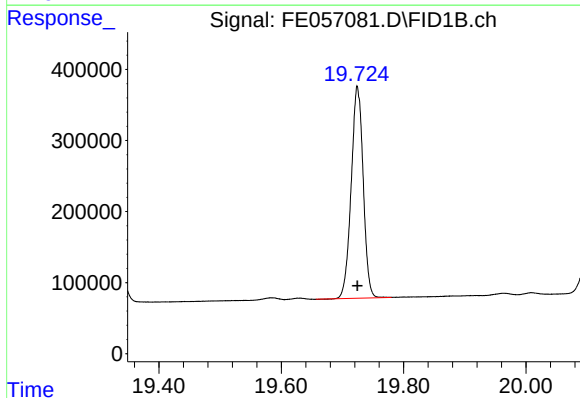
R.T.: 18.105 min
Delta R.T.: 0.000 min
Response: 4167826
Conc: 20.00 ug/ml

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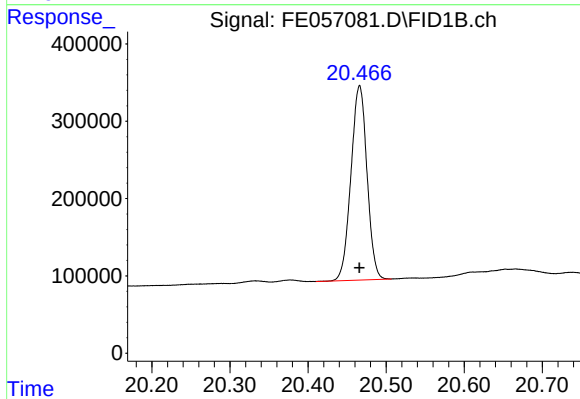
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.000 min
Response: 4322475
Conc: 20.00 ug/ml



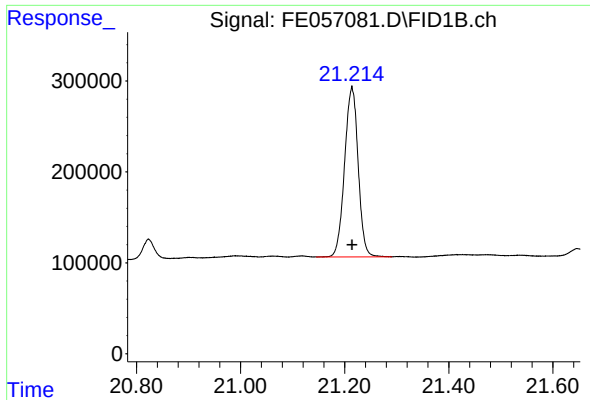
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4056506
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

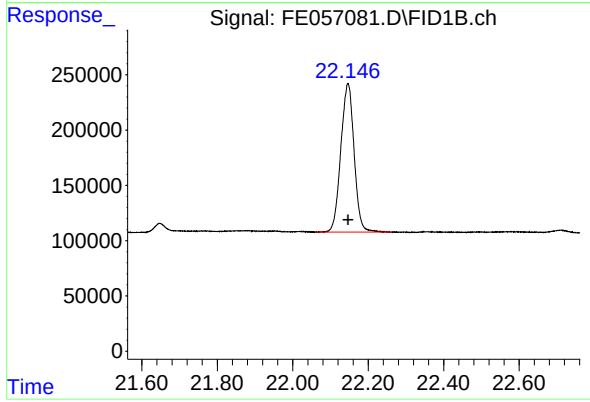
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 3587436
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 3372052
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 3288519
Conc: 20.00 ug/ml