

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
 Data File : FE057045.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2025 14:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 27 00:34:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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	3658427	17.512 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	13.378	2779684	17.253 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.301	3310631	19.710 ug/ml
2) T n-Decane (C10)	4.553	3383408	19.718 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3407202	18.459 ug/ml
4) T n-Dodecane (C12)	6.725	3419556	19.661 ug/ml
5) T A~2-methylnaphthalene...	7.369	3160669	17.834 ug/ml
6) T n-Tetradecane (C14)	8.559	3376305	19.343 ug/ml
7) T n-Hexadecane (C16)	10.171	3423925	18.714 ug/ml
8) T n-Octadecane (C18)	11.618	3450014	18.228 ug/ml
10) T n-Eicosane (C20)	12.930	3269375	17.543 ug/ml
11) T n-Heneicosane (C21)	13.544	3199078	17.397 ug/ml
13) T n-Docosane (C22)	14.132	3156865	16.864 ug/ml
14) T n-Tetracosane (C24)	15.237	3114019	15.899 ug/ml
15) T n-Hexacosane (C26)	16.262	3045649	15.672 ug/ml
16) T n-Octacosane (C28)	17.213	3016868	15.578 ug/ml
17) T n-Tricontane (C30)	18.102	3079880	15.361 ug/ml
18) T n-Dotriacontane (C32)	18.937	3036239	15.440 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2861680	16.579 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2582149	17.850 ug/ml
21) T n-Octatriacontane (C38)	21.211	2482507	19.724 ug/ml
22) T n-Tetracontane (C40)	22.142	2478643	21.439 ug/ml

(f)=RT Delta > 1/2 Window

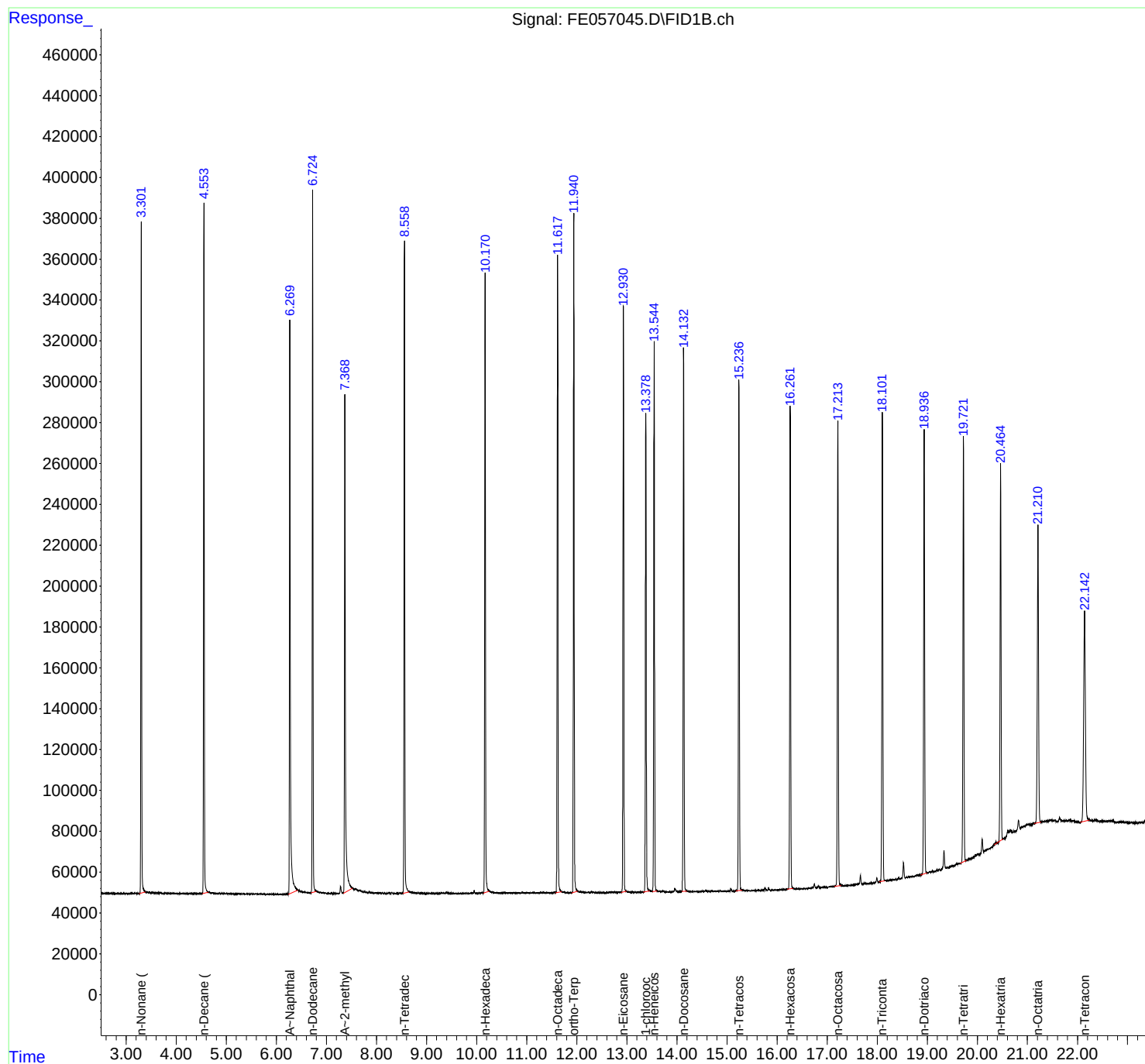
(m)=manual int.

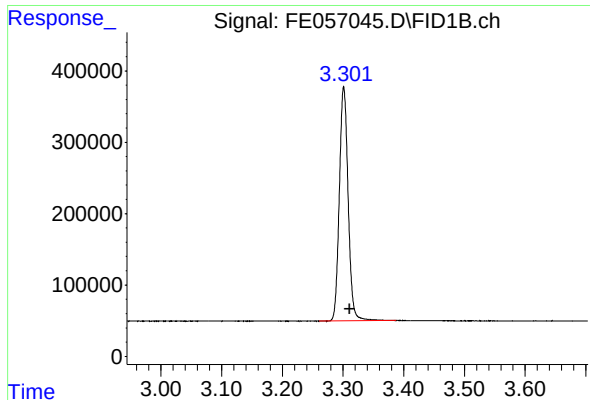
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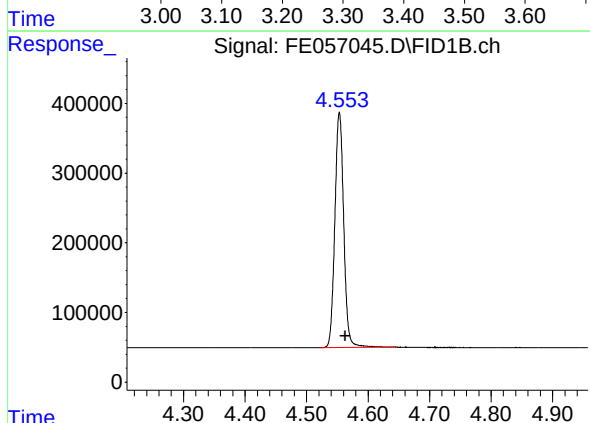




#1 n-Nonane (C9)

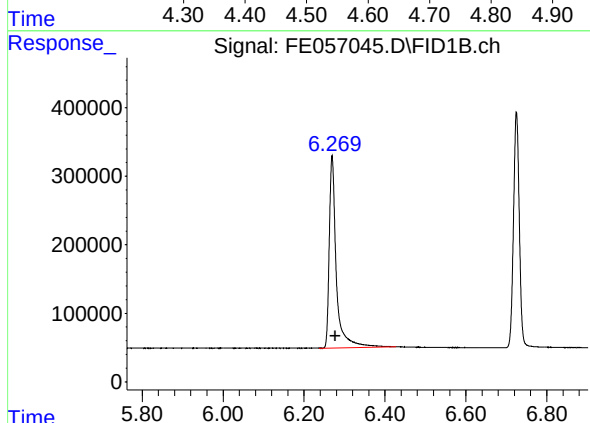
R.T.: 3.301 min
Delta R.T.: -0.010 min
Response: 3310631
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



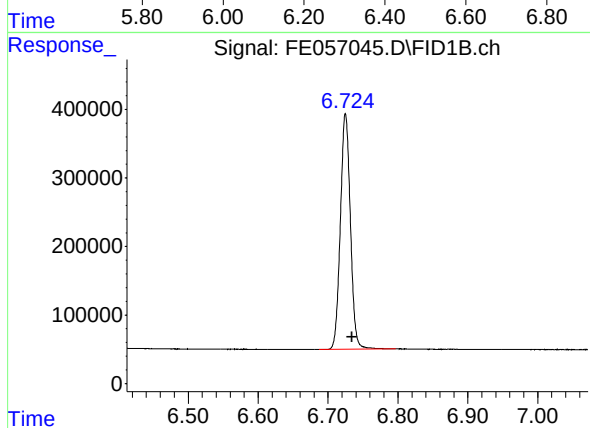
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.010 min
Response: 3383408
Conc: 19.72 ug/ml



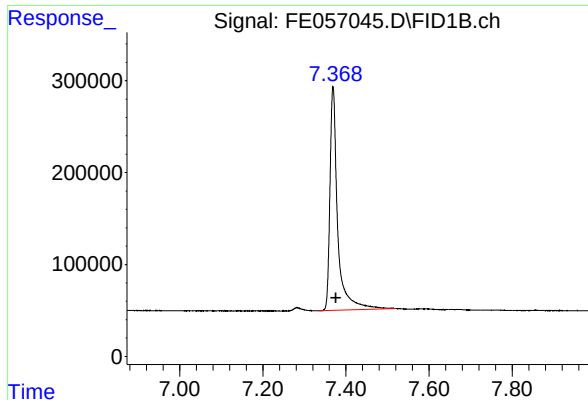
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.008 min
Response: 3407202
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

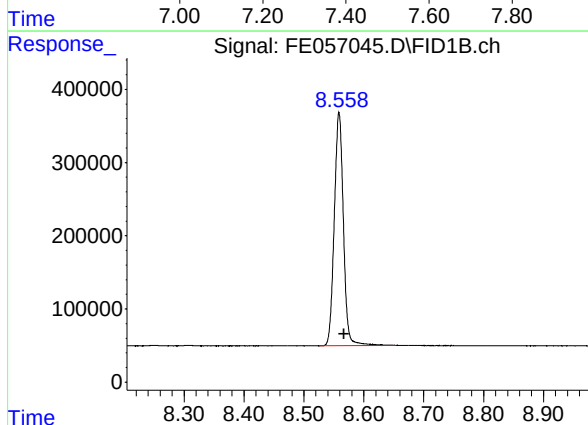
R.T.: 6.725 min
Delta R.T.: -0.009 min
Response: 3419556
Conc: 19.66 ug/ml



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

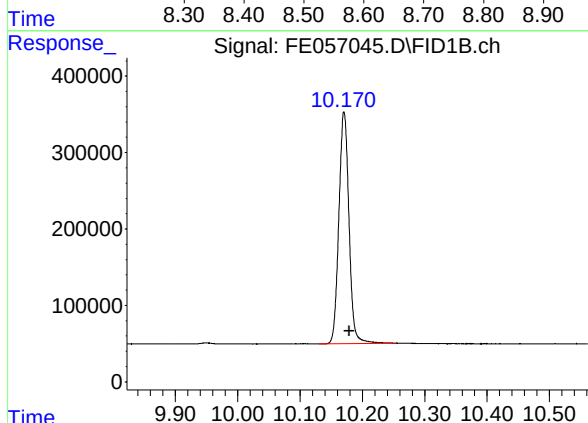
R.T.: 7.369 min
Delta R.T.: -0.007 min
Response: 3160669
Conc: 17.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



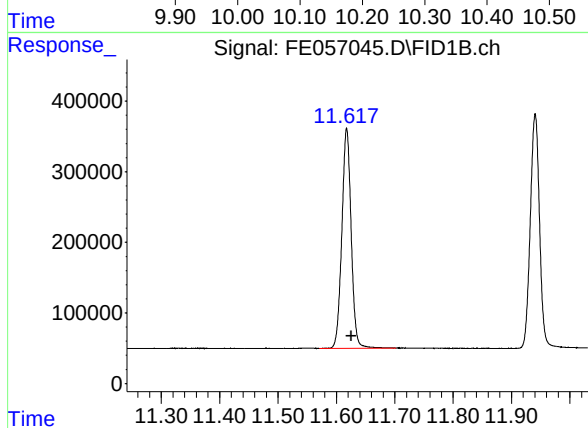
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 3376305
Conc: 19.34 ug/ml



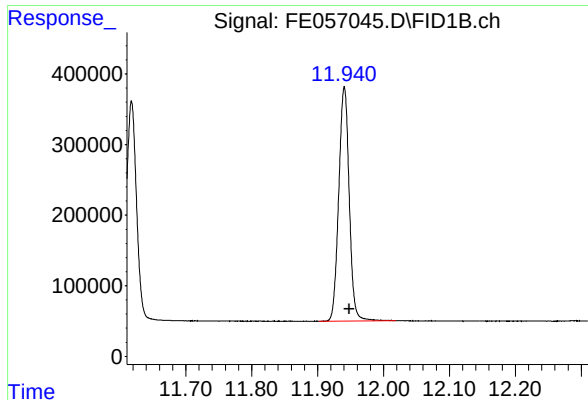
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.008 min
Response: 3423925
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

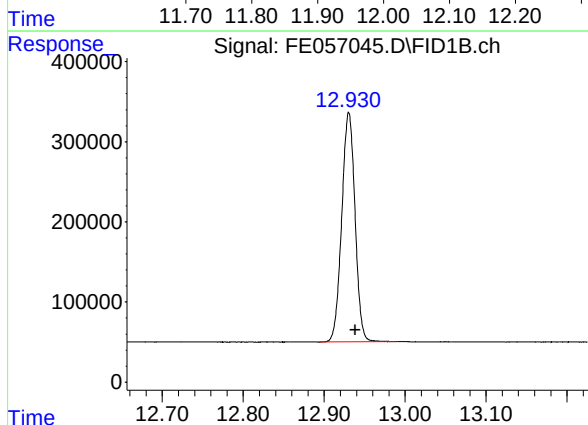
R.T.: 11.618 min
Delta R.T.: -0.008 min
Response: 3450014
Conc: 18.23 ug/ml



#9 ortho-Terphenyl (SURR)

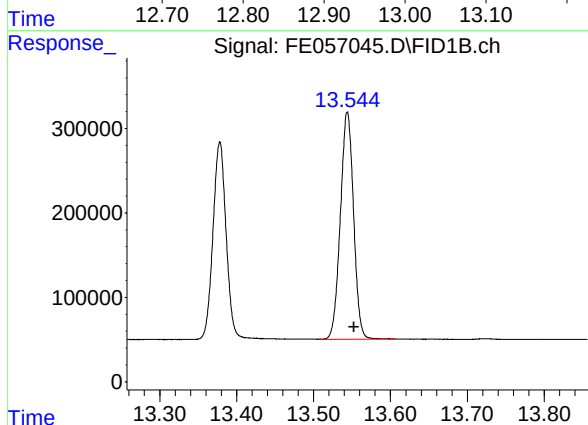
R.T.: 11.940 min
Delta R.T.: -0.008 min
Response: 3658427
Conc: 17.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



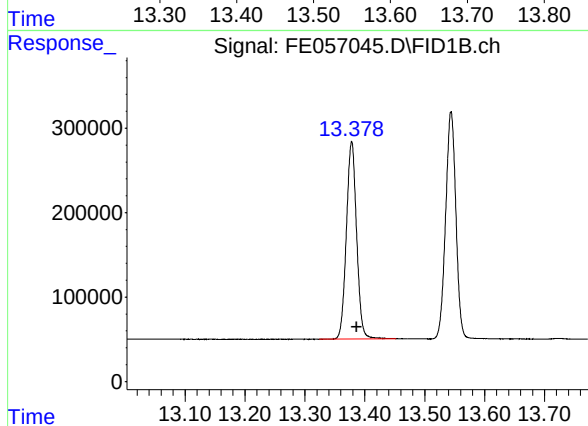
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.008 min
Response: 3269375
Conc: 17.54 ug/ml



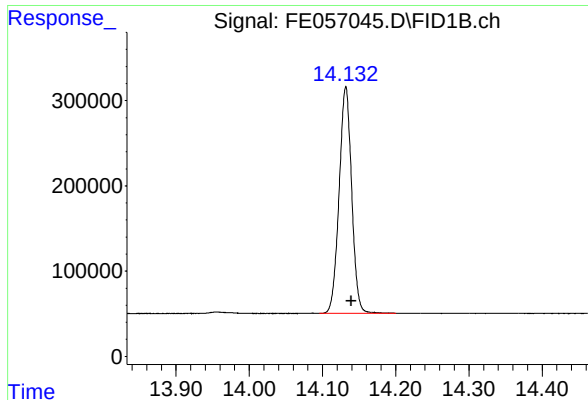
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.008 min
Response: 3199078
Conc: 17.40 ug/ml



#12 1-chlorooctadecane (SURR)

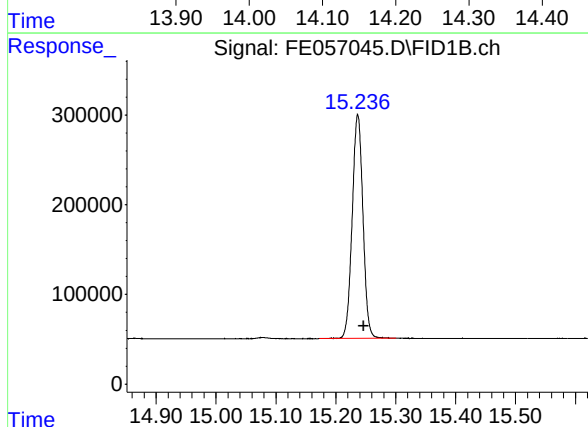
R.T.: 13.378 min
Delta R.T.: -0.008 min
Response: 2779684
Conc: 17.25 ug/ml



#13 n-Docosane (C22)

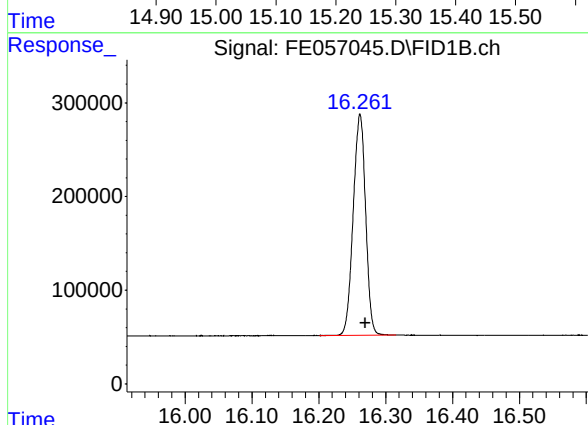
R.T.: 14.132 min
Delta R.T.: -0.008 min
Response: 3156865
Conc: 16.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



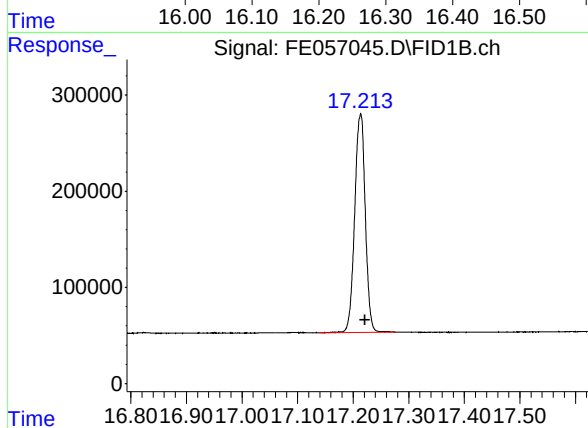
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.010 min
Response: 3114019
Conc: 15.90 ug/ml



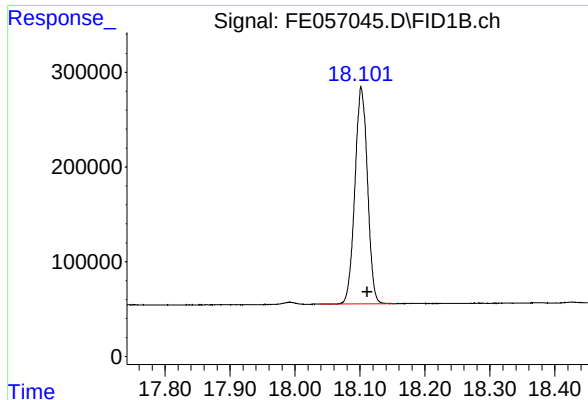
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.008 min
Response: 3045649
Conc: 15.67 ug/ml



#16 n-Octacosane (C28)

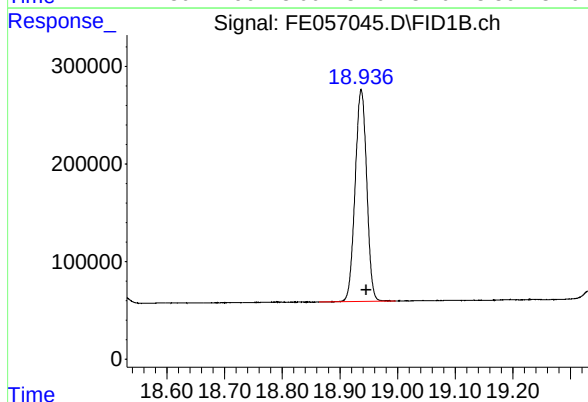
R.T.: 17.213 min
Delta R.T.: -0.008 min
Response: 3016868
Conc: 15.58 ug/ml



#17 n-Tricontane (C30)

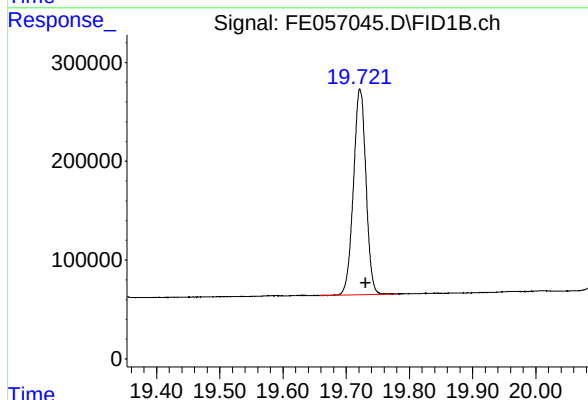
R.T.: 18.102 min
Delta R.T.: -0.009 min
Response: 3079880
Conc: 15.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



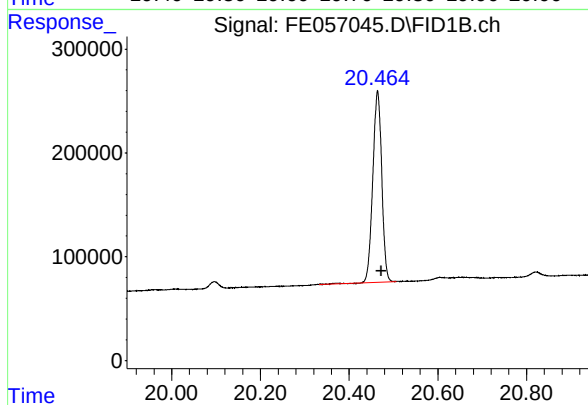
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.009 min
Response: 3036239
Conc: 15.44 ug/ml



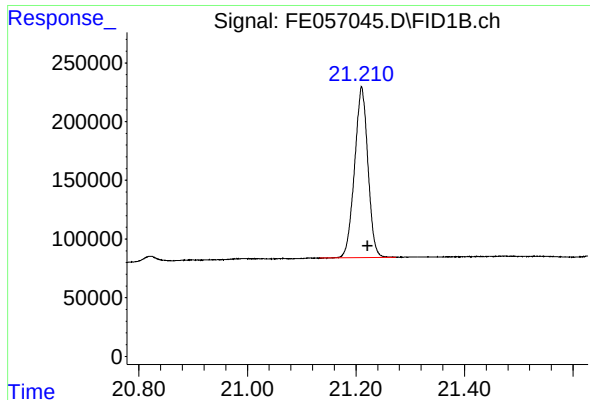
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.009 min
Response: 2861680
Conc: 16.58 ug/ml



#20 n-Hexatriacontane (C36)

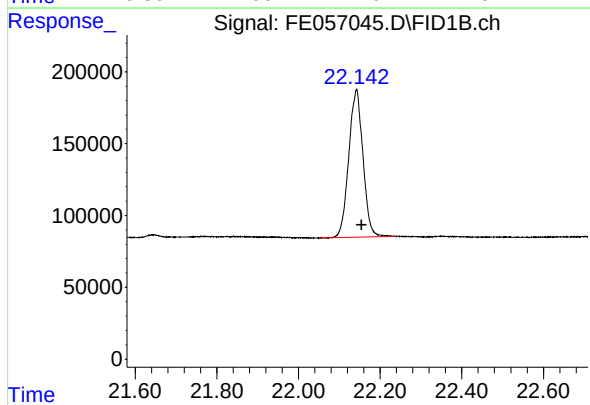
R.T.: 20.464 min
Delta R.T.: -0.008 min
Response: 2582149
Conc: 17.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.011 min
Response: 2482507
Conc: 19.72 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.013 min
Response: 2478643
Conc: 21.44 ug/ml