

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082725AL\
 Data File : FE055542.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 18:59
 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

Integration File: autoint1.e
 Quant Time: Aug 28 01:16:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.076	3043715	21.314 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
12) S 1-chlorooctadecane (S...	13.513	2348484	21.841 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	3.414	2339010	20.380 ug/ml
2) T n-Decane (C10)	4.672	2373258	20.372 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2702085	20.130 ug/ml
4) T n-Dodecane (C12)	6.848	2402423	20.175 ug/ml
5) T A~2-methylnaphthalene...	7.493	2620506	20.098 ug/ml
6) T n-Tetradecane (C14)	8.685	2427930	19.802 ug/ml
7) T n-Hexadecane (C16)	10.300	2558698	20.014 ug/ml
8) T n-Octadecane (C18)	11.750	2706222	20.741 ug/ml
10) T n-Eicosane (C20)	13.065	2679762	21.357 ug/ml
11) T n-Heneicosane (C21)	13.679	2670308	21.663 ug/ml
13) T n-Docosane (C22)	14.268	2696459	22.080 ug/ml
14) T n-Tetracosane (C24)	15.374	2778777	22.845 ug/ml
15) T n-Hexacosane (C26)	16.398	2718591	22.722 ug/ml
16) T n-Octacosane (C28)	17.351	2734239	23.050 ug/ml
17) T n-Tricontane (C30)	18.241	2860779	23.249 ug/ml
18) T n-Dotriacontane (C32)	19.074	2907014	23.826 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2780644	23.783 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2489833	22.780 ug/ml
21) T n-Octatriacontane (C38)	21.378	2428553	22.472 ug/ml
22) T n-Tetracontane (C40)	22.365	2345339	22.427 ug/ml

(f)=RT Delta > 1/2 Window

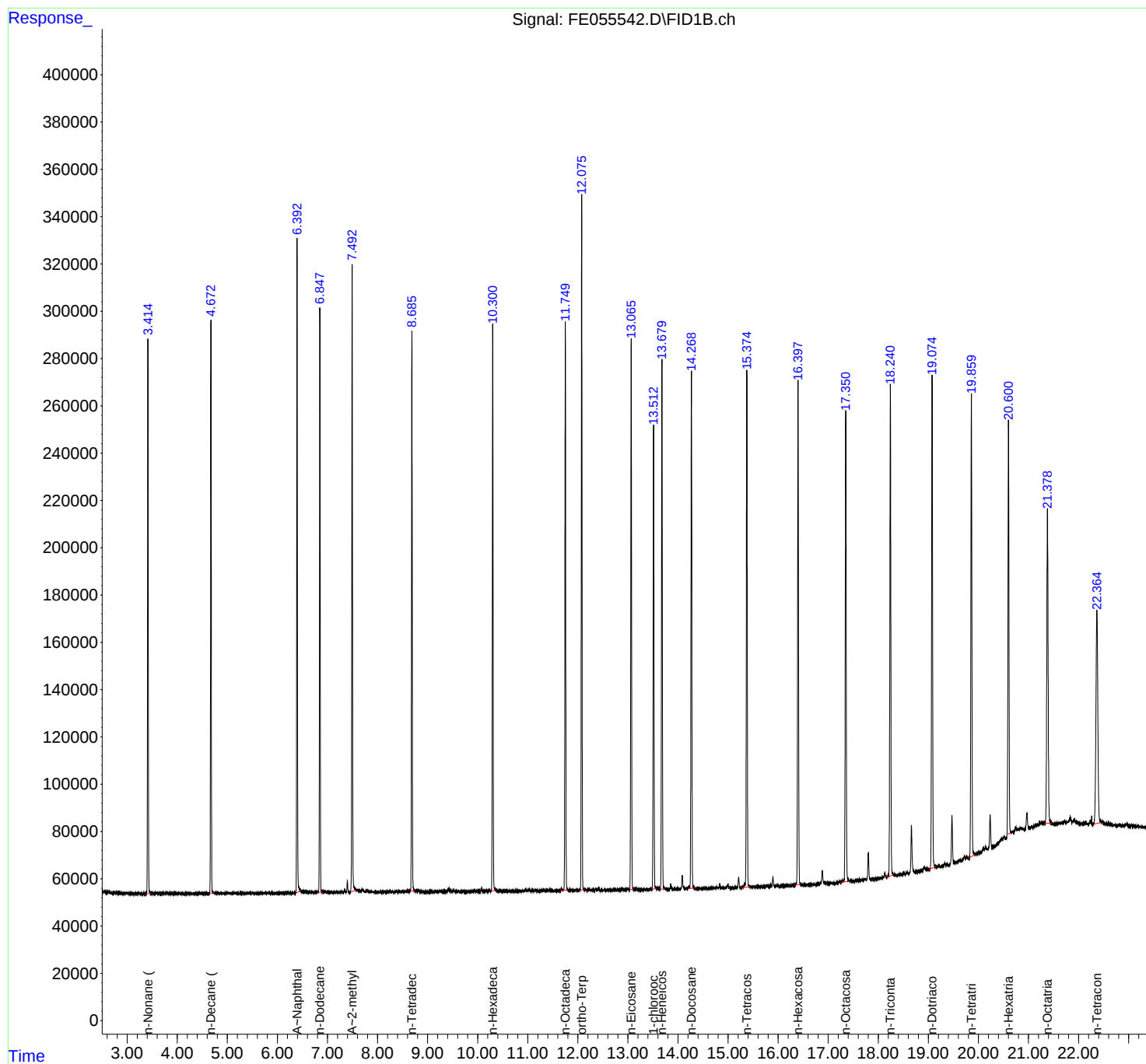
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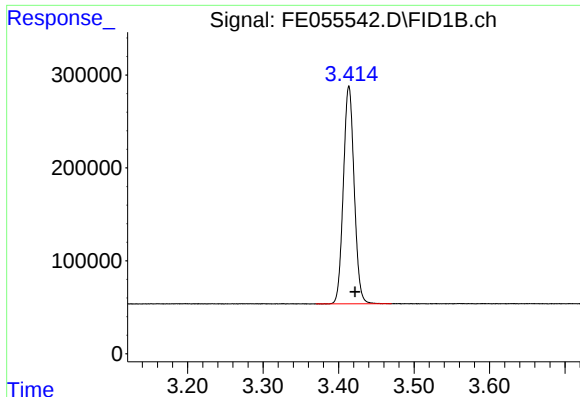
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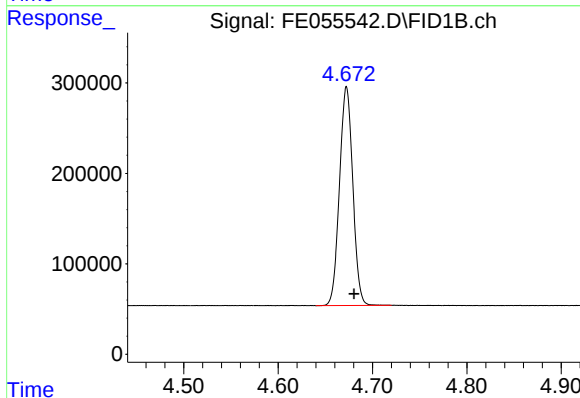




#1 n-Nonane (C9)

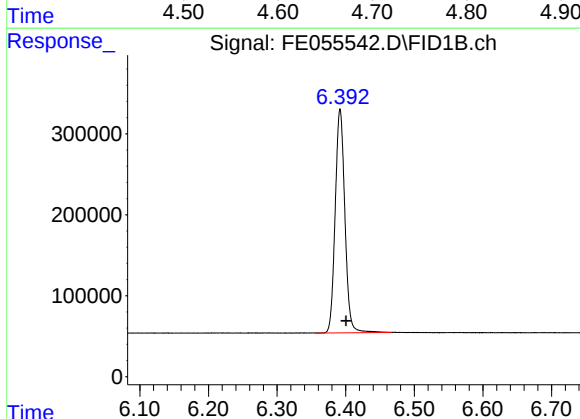
R.T.: 3.414 min
Delta R.T.: -0.008 min
Response: 2339010
Conc: 20.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



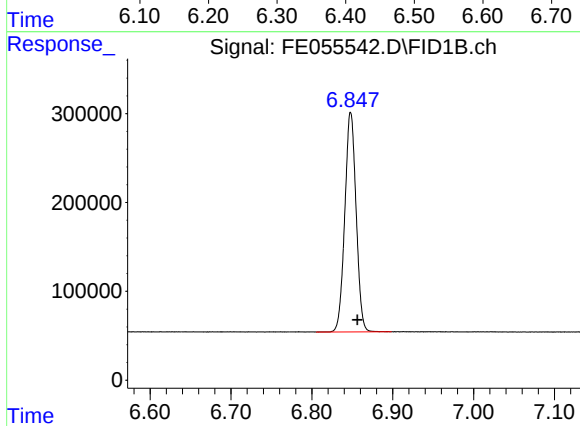
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: -0.008 min
Response: 2373258
Conc: 20.37 ug/ml



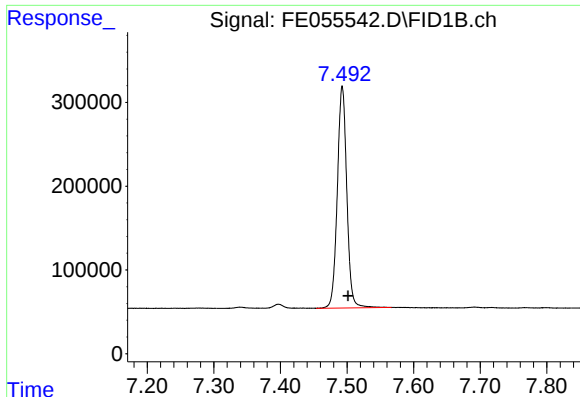
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: -0.009 min
Response: 2702085
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

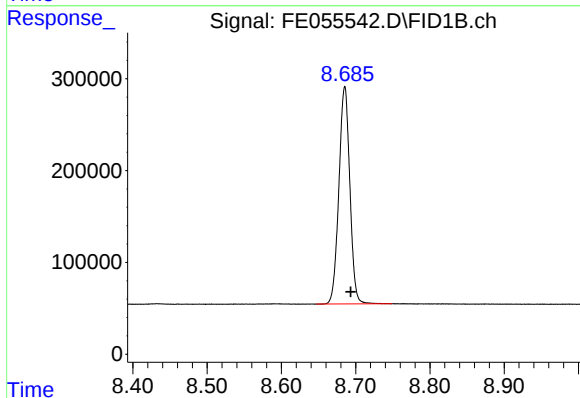
R.T.: 6.848 min
Delta R.T.: -0.008 min
Response: 2402423
Conc: 20.17 ug/ml



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

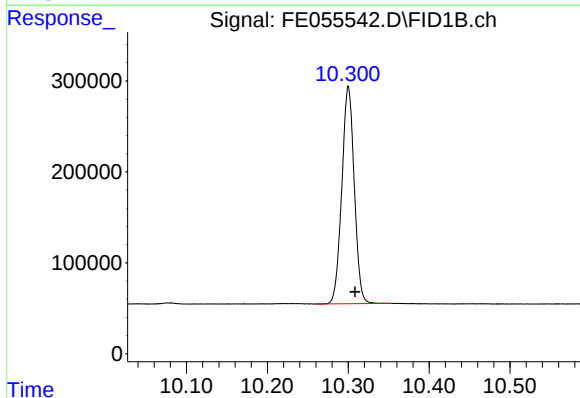
R.T.: 7.493 min
Delta R.T.: -0.009 min
Response: 2620506
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



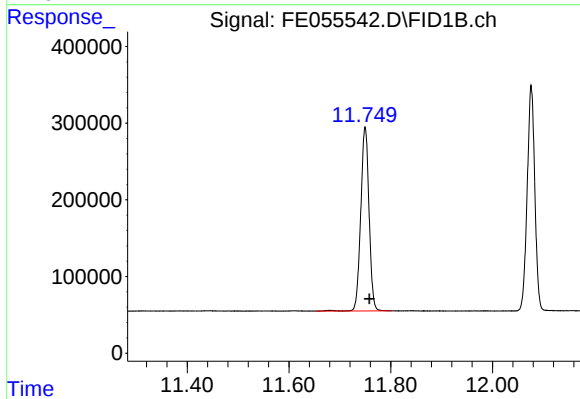
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 2427930
Conc: 19.80 ug/ml



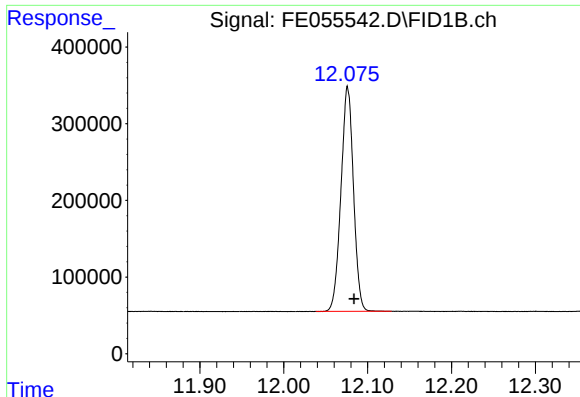
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 2558698
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

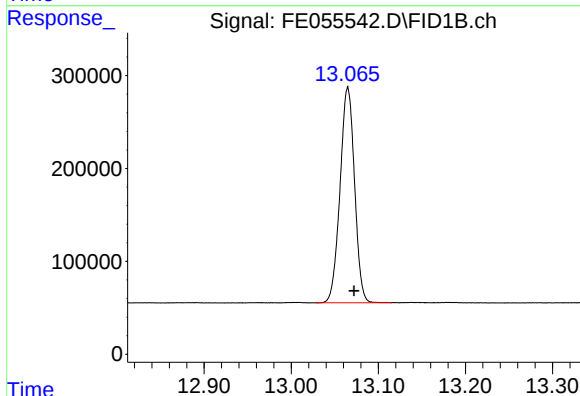
R.T.: 11.750 min
Delta R.T.: -0.008 min
Response: 2706222
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

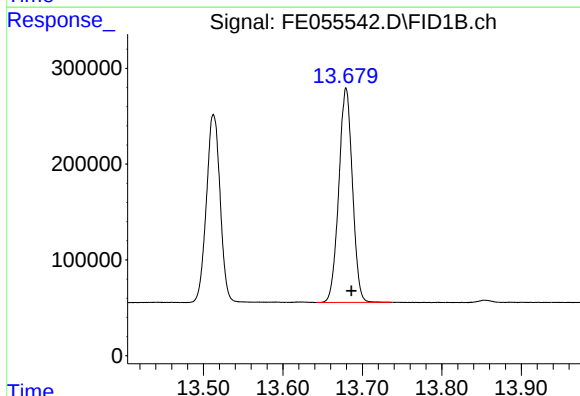
R.T.: 12.076 min
Delta R.T.: -0.008 min
Response: 3043715
Conc: 21.31 ug/ml

Instrument :
FID_E
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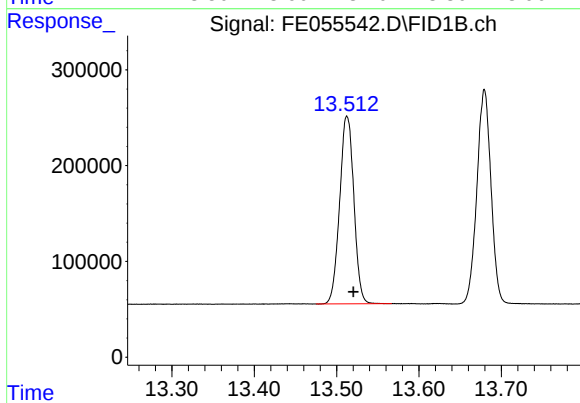
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 2679762
Conc: 21.36 ug/ml



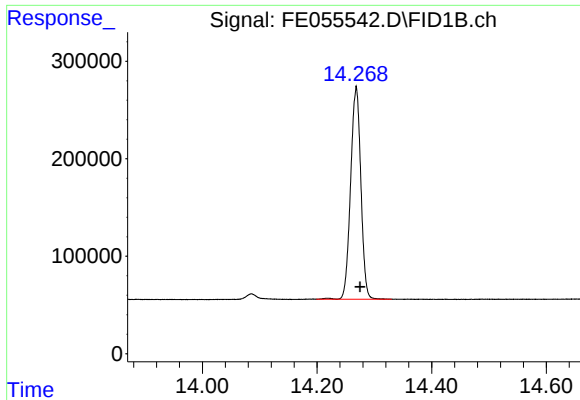
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: -0.007 min
Response: 2670308
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

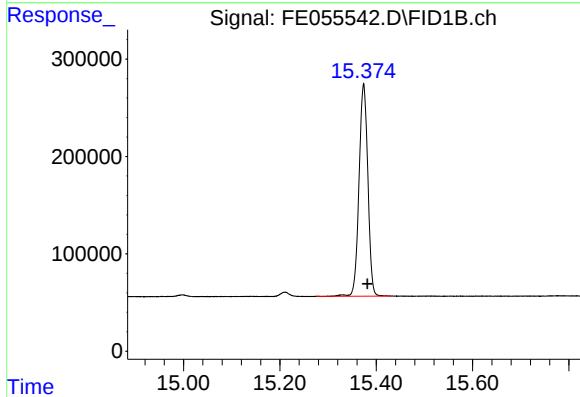
R.T.: 13.513 min
Delta R.T.: -0.008 min
Response: 2348484
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

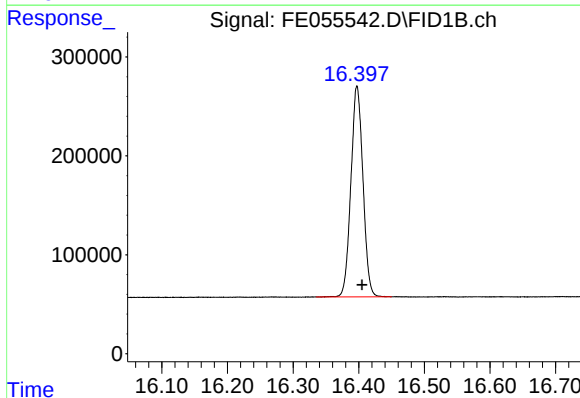
R.T.: 14.268 min
Delta R.T.: -0.007 min
Response: 2696459
Conc: 22.08 ug/ml

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20 PPM ALIPHATIC HC STD



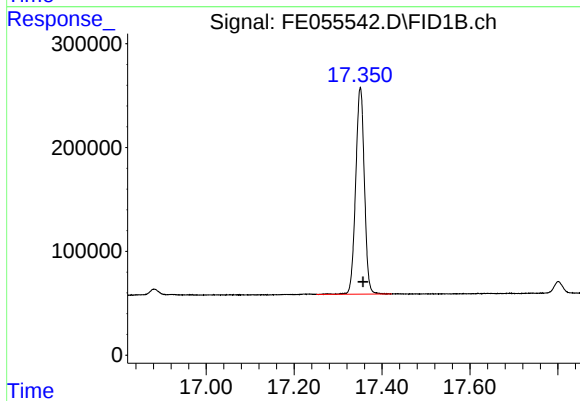
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 2778777
Conc: 22.85 ug/ml



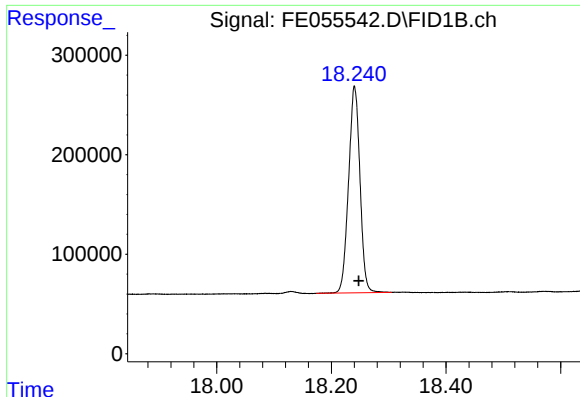
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: -0.008 min
Response: 2718591
Conc: 22.72 ug/ml



#16 n-Octacosane (C28)

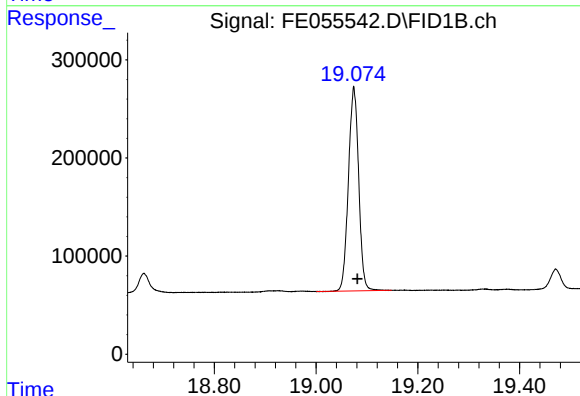
R.T.: 17.351 min
Delta R.T.: -0.006 min
Response: 2734239
Conc: 23.05 ug/ml



#17 n-Tricontane (C30)

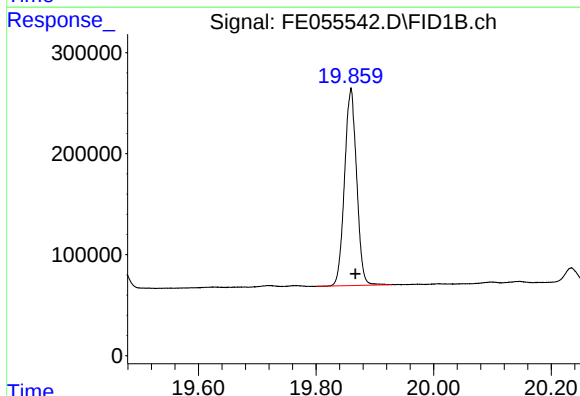
R.T.: 18.241 min
Delta R.T.: -0.007 min
Response: 2860779
Conc: 23.25 ug/ml

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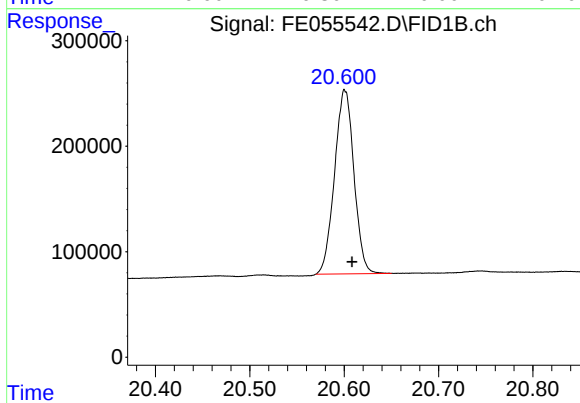
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.007 min
Response: 2907014
Conc: 23.83 ug/ml



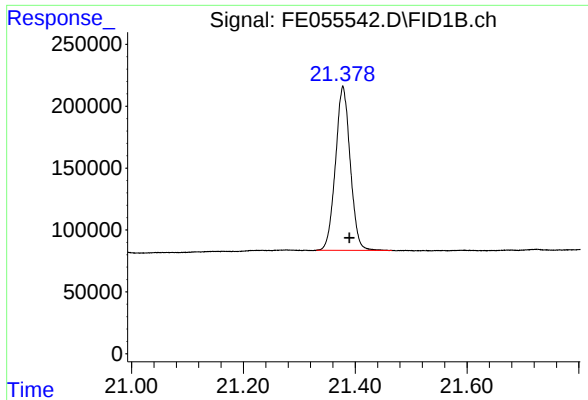
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: -0.008 min
Response: 2780644
Conc: 23.78 ug/ml



#20 n-Hexatriacontane (C36)

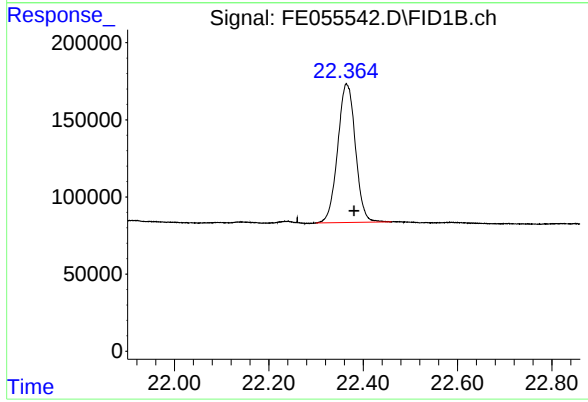
R.T.: 20.601 min
Delta R.T.: -0.008 min
Response: 2489833
Conc: 22.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.011 min
Response: 2428553
Conc: 22.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: -0.016 min
Response: 2345339
Conc: 22.43 ug/ml