

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052933.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2025 03:24
 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: Mar 22 04:48:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.905	3250552	19.281 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.350	2434155	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.244	2895682	18.676 ug/ml
2) T n-Decane (C10)	4.506	3054978	19.447 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3274279	19.307 ug/ml
4) T n-Dodecane (C12)	6.688	3074381	19.746 ug/ml
5) T A~2-methylnaphthalene...	7.323	3148651	19.429 ug/ml
6) T n-Tetradecane (C14)	8.525	3035146	20.059 ug/ml
7) T n-Hexadecane (C16)	10.140	3083921	20.171 ug/ml
8) T n-Octadecane (C18)	11.589	3055222	20.081 ug/ml
10) T n-Eicosane (C20)	12.904	2888867	19.899 ug/ml
11) T n-Heneicosane (C21)	13.518	2803240	19.696 ug/ml
13) T n-Docosane (C22)	14.107	2828164	19.873 ug/ml
14) T n-Tetracosane (C24)	15.214	2923879	20.431 ug/ml
15) T n-Hexacosane (C26)	16.238	2939614	20.673 ug/ml
16) T n-Octacosane (C28)	17.191	3070095	21.591 ug/ml
17) T n-Tricontane (C30)	18.080	3378408	22.873 ug/ml
18) T n-Dotriacontane (C32)	18.914	3410310	23.490 ug/ml
19) T n-Tetratriacontane (C34)	19.700	3114226	23.106 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2692392	22.659 ug/ml
21) T n-Octatriacontane (C38)	21.182	2468477	22.251 ug/ml
22) T n-Tetracontane (C40)	22.103	2368166	21.904 ug/ml

(f)=RT Delta > 1/2 Window

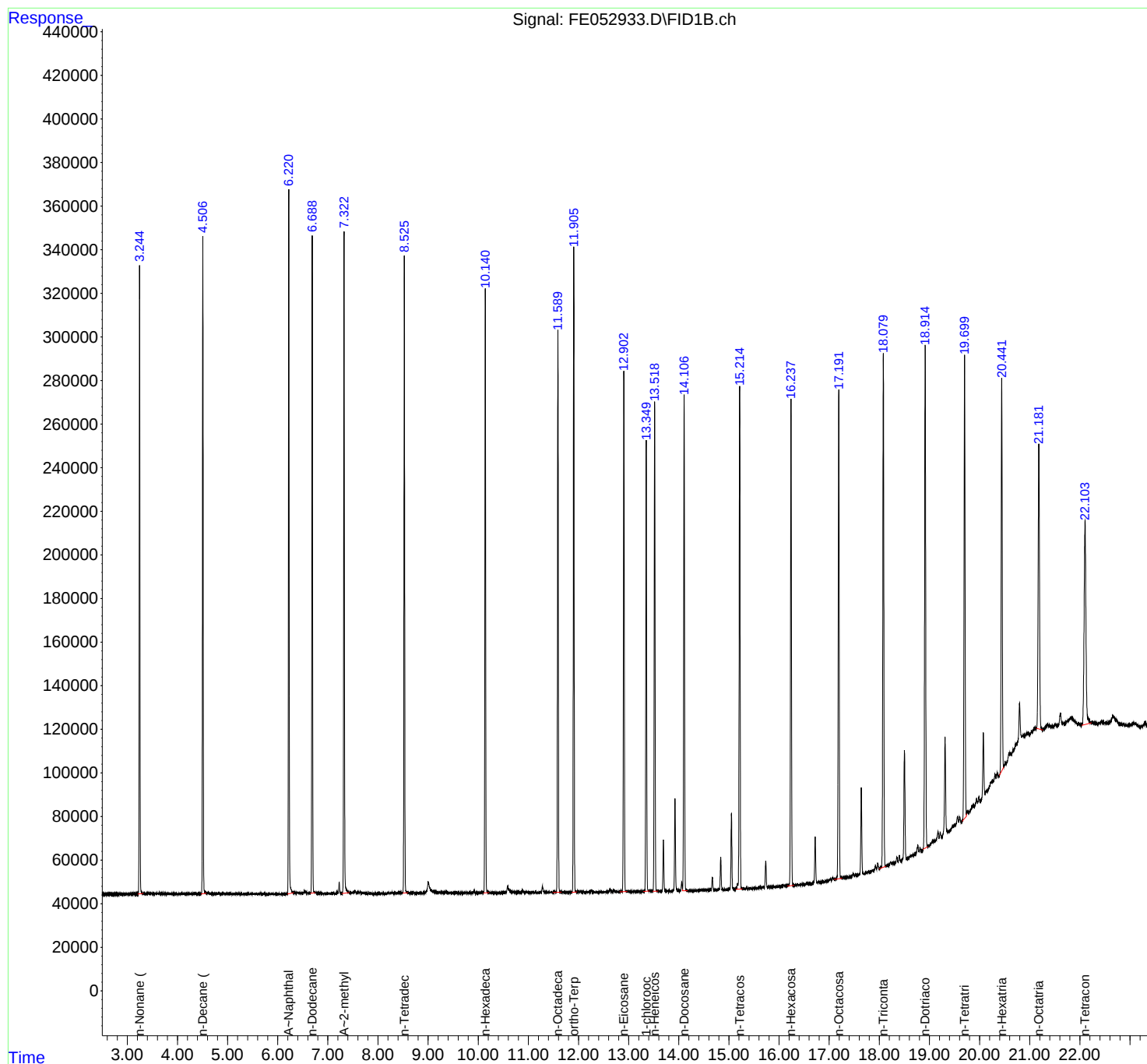
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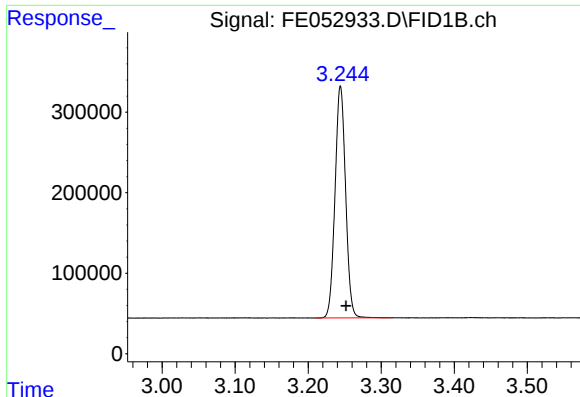
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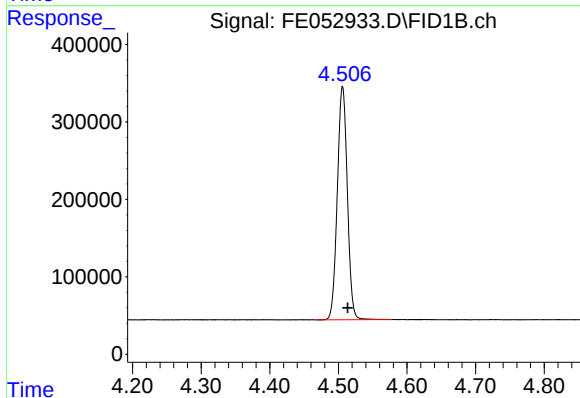




#1 n-Nonane (C9)

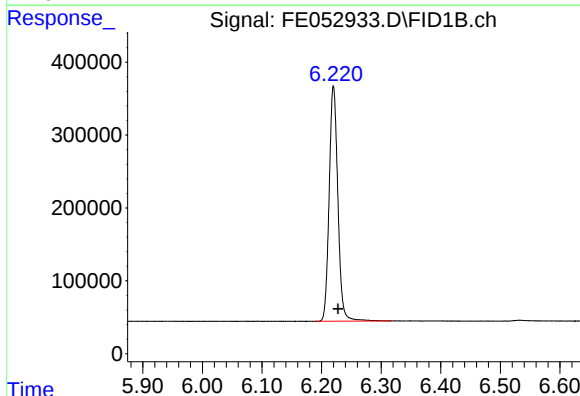
R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 2895682
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



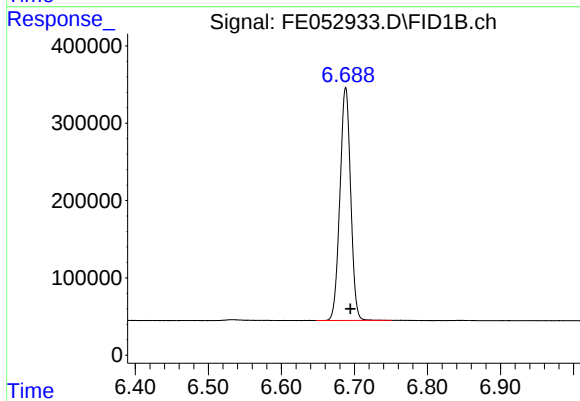
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.008 min
Response: 3054978
Conc: 19.45 ug/ml



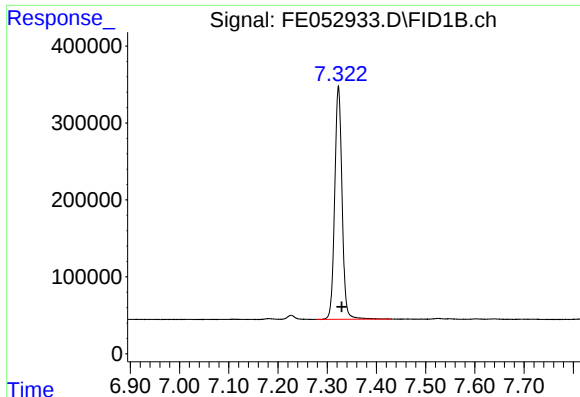
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 3274279
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

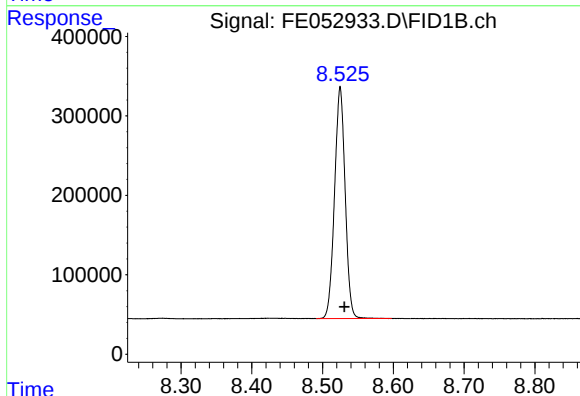
R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 3074381
Conc: 19.75 ug/ml



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

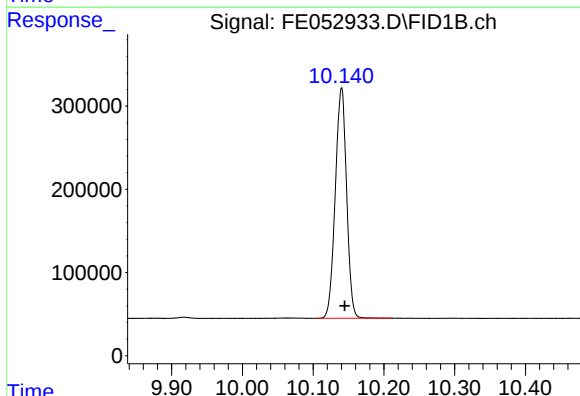
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 3148651
Conc: 19.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



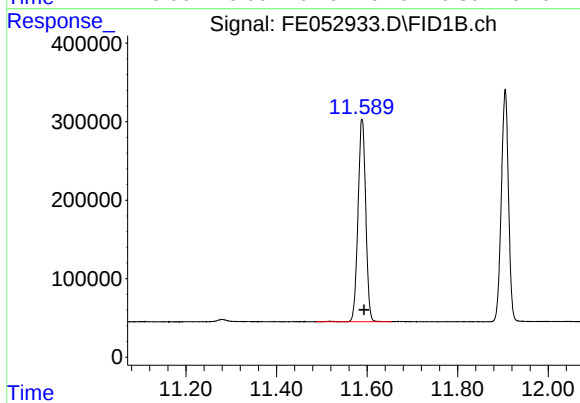
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.006 min
Response: 3035146
Conc: 20.06 ug/ml



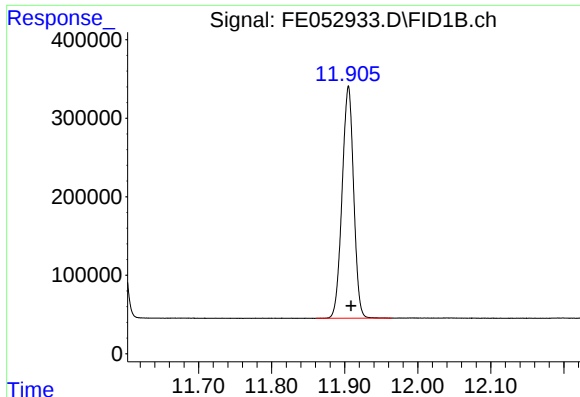
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.005 min
Response: 3083921
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

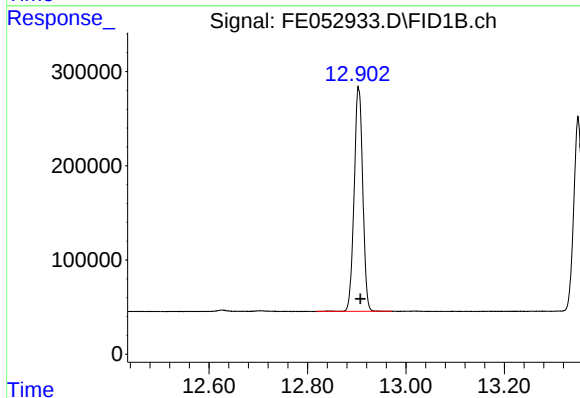
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 3055222
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

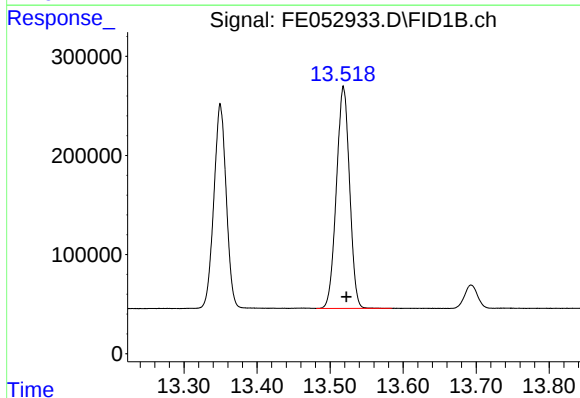
R.T.: 11.905 min
Delta R.T.: -0.004 min
Response: 3250552
Conc: 19.28 ug/ml

Instrument :
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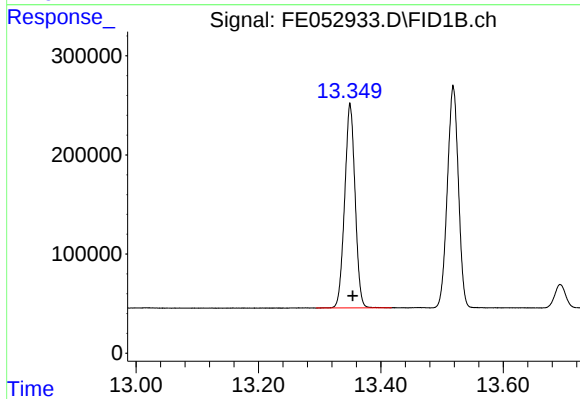
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 2888867
Conc: 19.90 ug/ml



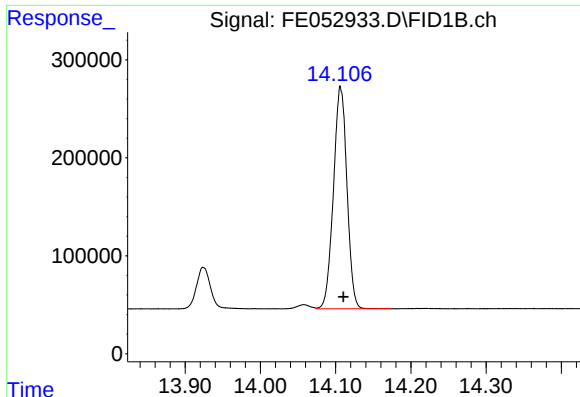
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 2803240
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

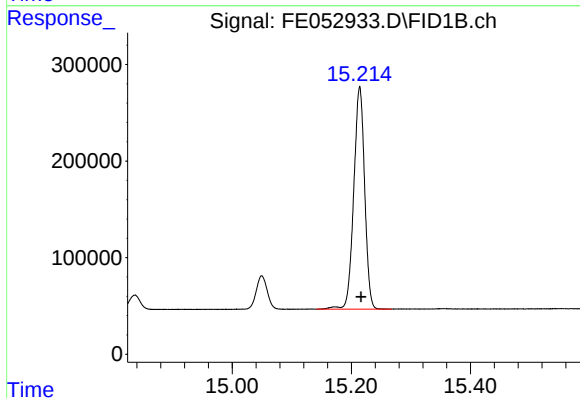
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2434155
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

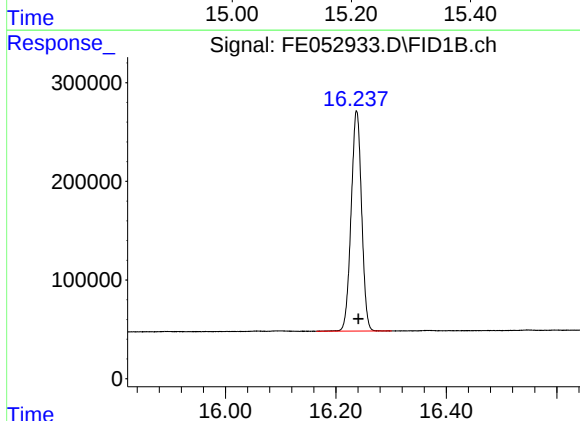
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 2828164
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



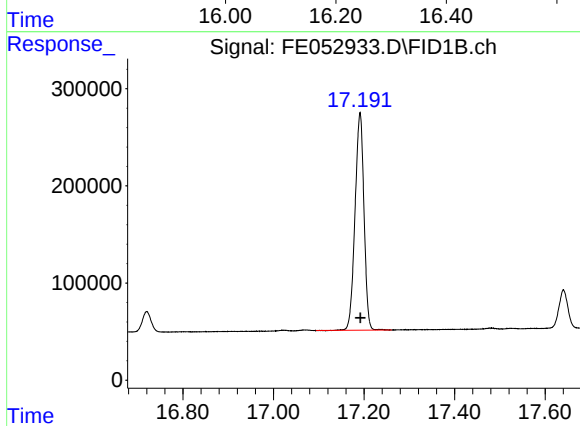
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2923879
Conc: 20.43 ug/ml



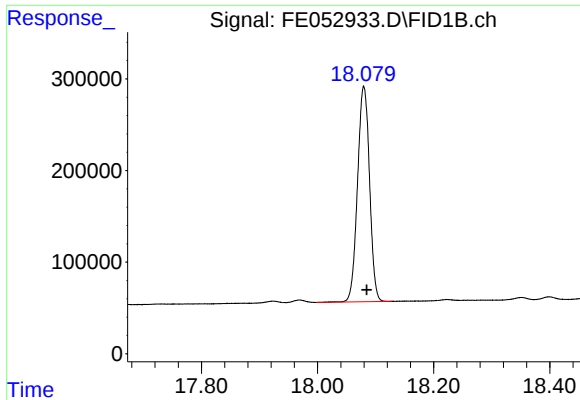
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 2939614
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

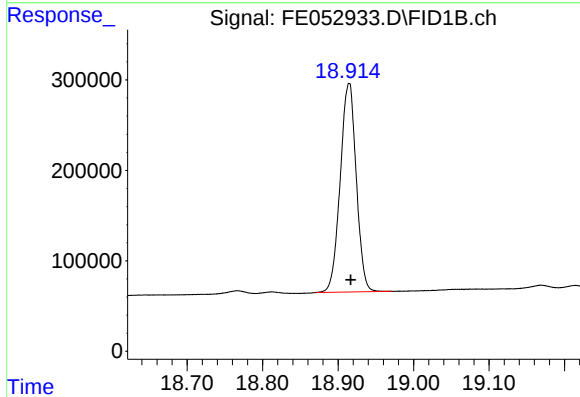
R.T.: 17.191 min
Delta R.T.: -0.001 min
Response: 3070095
Conc: 21.59 ug/ml



#17 n-Tricontane (C30)

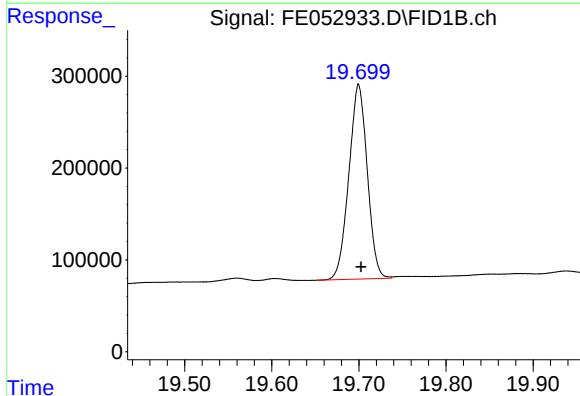
R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 3378408
Conc: 22.87 ug/ml

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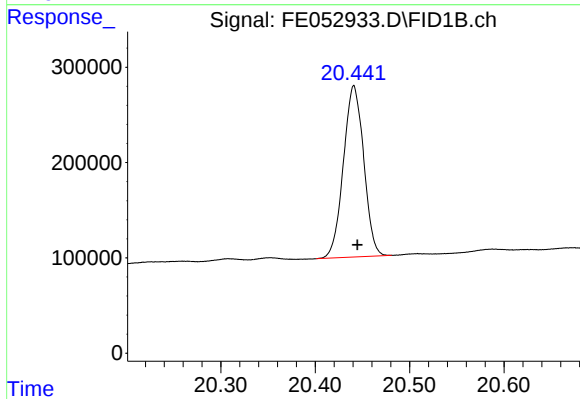
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.003 min
Response: 3410310
Conc: 23.49 ug/ml



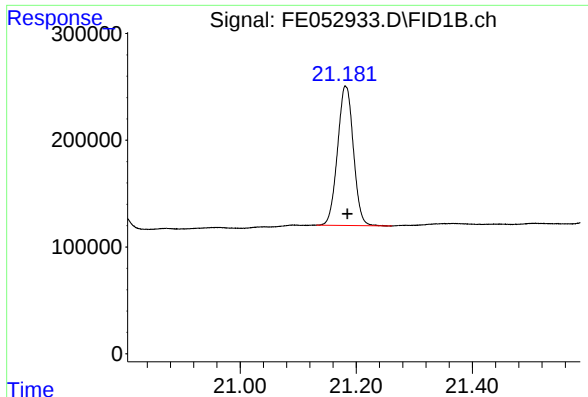
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.003 min
Response: 3114226
Conc: 23.11 ug/ml



#20 n-Hexatriacontane (C36)

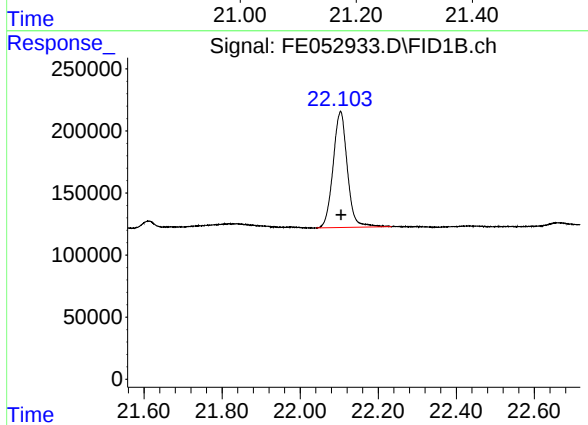
R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 2692392
Conc: 22.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.003 min
Response: 2468477
Conc: 22.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: 0.000 min
Response: 2368166
Conc: 21.90 ug/ml