

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053089.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2025 07:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 01 08:17:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	3330537	20.447 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	13.340	2432827	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.241	3171647	20.483 ug/ml
2) T n-Decane (C10)	4.502	3245140	20.688 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3450189	20.538 ug/ml
4) T n-Dodecane (C12)	6.682	3224972	20.620 ug/ml
5) T A~2-methylnaphthalene...	7.316	3292115	20.632 ug/ml
6) T n-Tetradecane (C14)	8.518	3158318	20.627 ug/ml
7) T n-Hexadecane (C16)	10.132	3212152	20.838 ug/ml
8) T n-Octadecane (C18)	11.580	3170177	20.902 ug/ml
10) T n-Eicosane (C20)	12.894	2976833	20.879 ug/ml
11) T n-Heneicosane (C21)	13.509	2892414	20.843 ug/ml
13) T n-Docosane (C22)	14.096	2860617	20.887 ug/ml
14) T n-Tetracosane (C24)	15.202	2843899	21.057 ug/ml
15) T n-Hexacosane (C26)	16.226	2804836	21.025 ug/ml
16) T n-Octacosane (C28)	17.178	2814183	21.325 ug/ml
17) T n-Tricontane (C30)	18.068	2936374	21.664 ug/ml
18) T n-Dotriacontane (C32)	18.902	2927348	21.754 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2640888	20.409 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2390208	20.121 ug/ml
21) T n-Octatriacontane (C38)	21.171	2317134	20.160 ug/ml
22) T n-Tetracontane (C40)	22.089	2224608	19.807 ug/ml

(f)=RT Delta > 1/2 Window

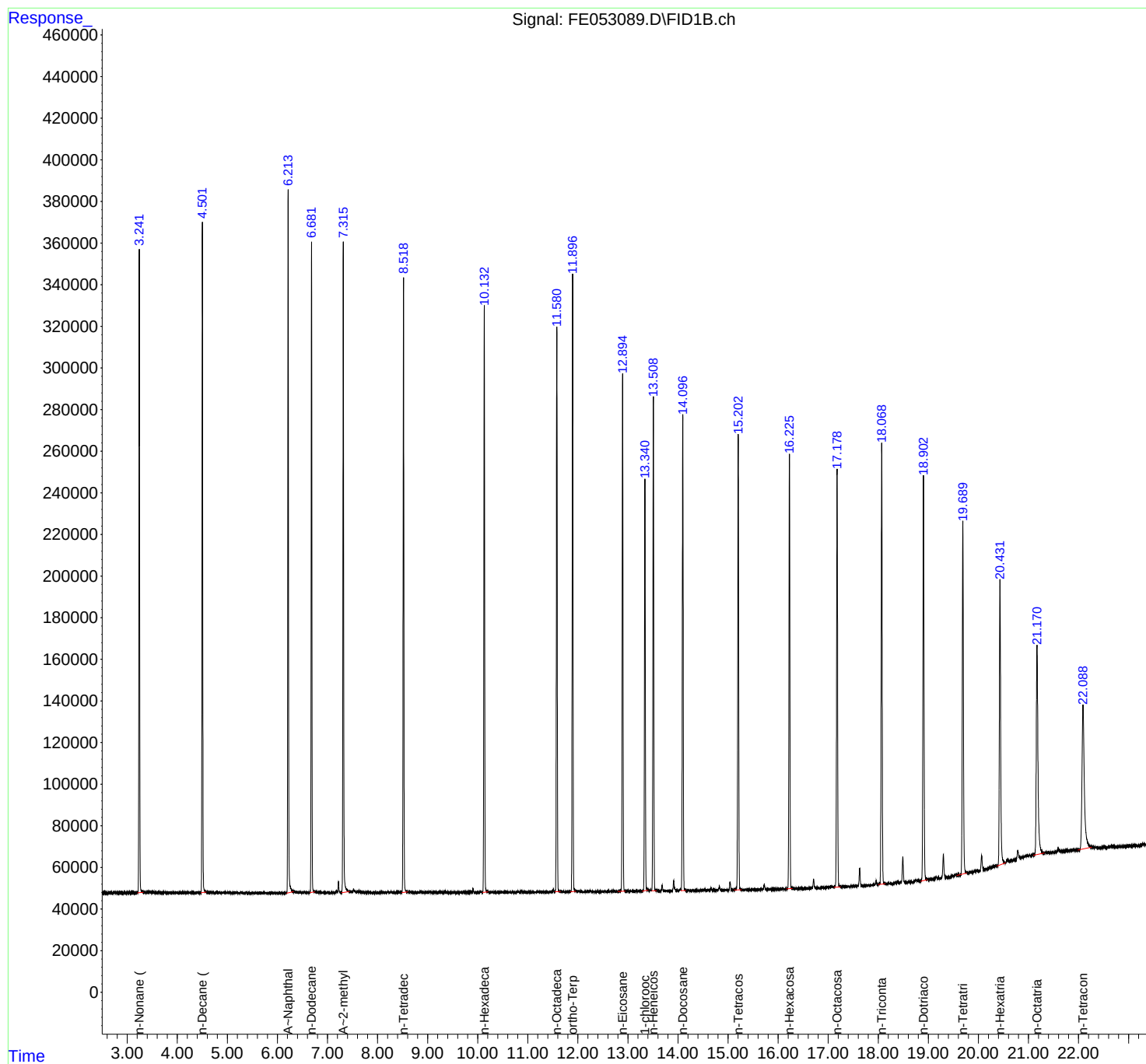
(m)=manual int.

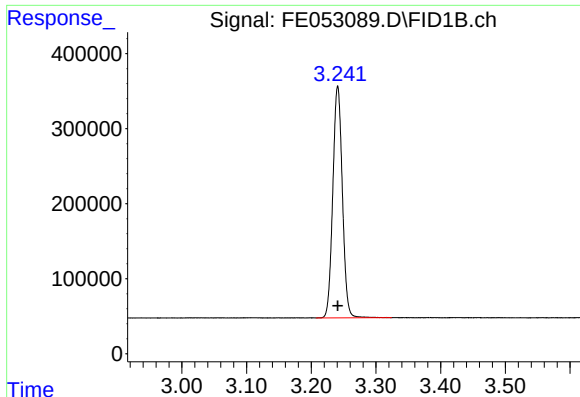
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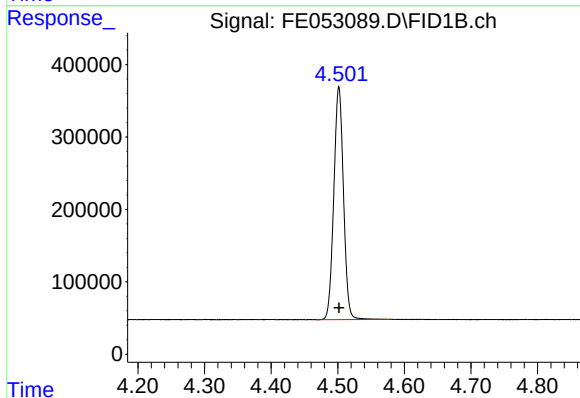




#1 n-Nonane (C9)

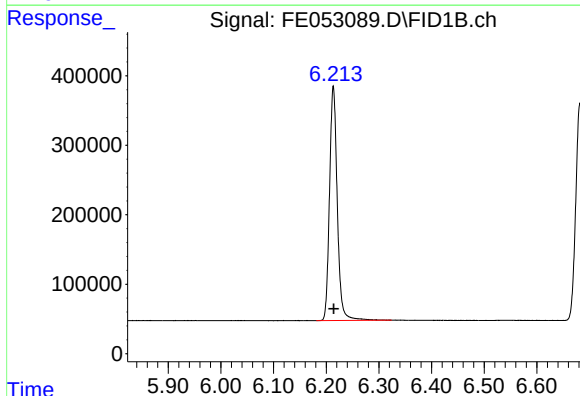
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3171647
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



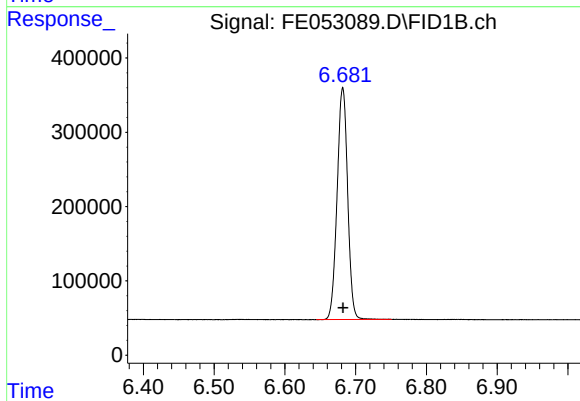
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3245140
Conc: 20.69 ug/ml



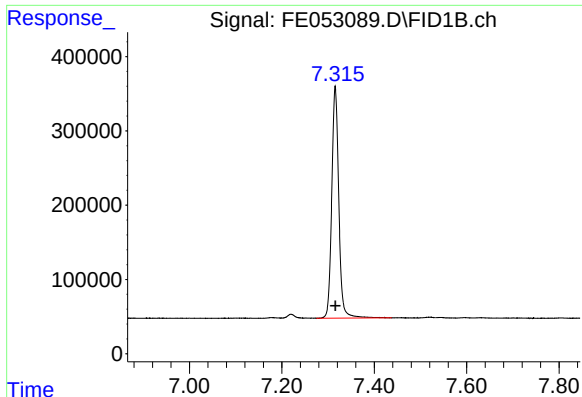
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3450189
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

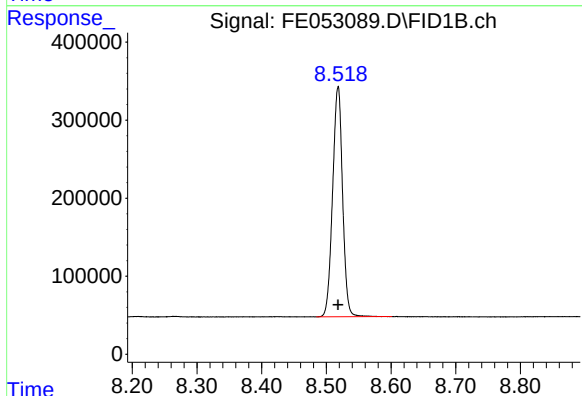
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3224972
Conc: 20.62 ug/ml



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

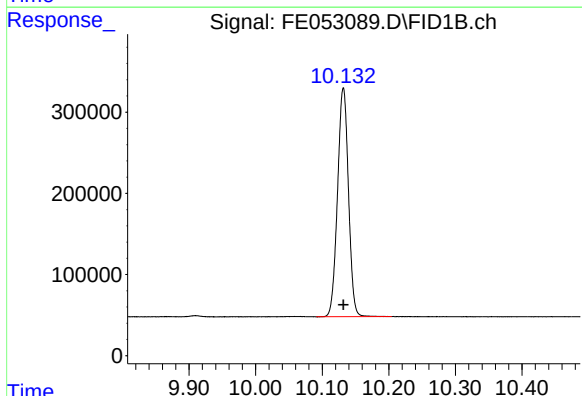
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 3292115
Conc: 20.63 ug/ml

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20 PPM ALIPHATIC HC STD



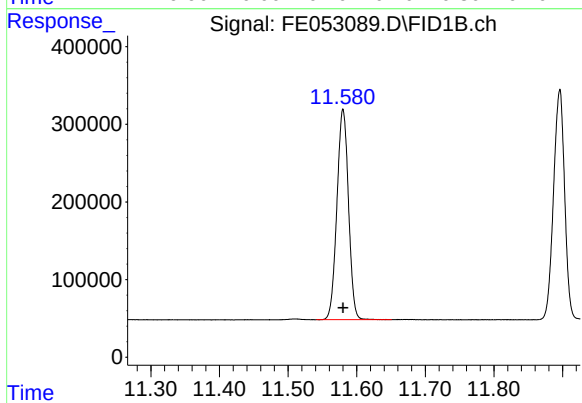
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3158318
Conc: 20.63 ug/ml



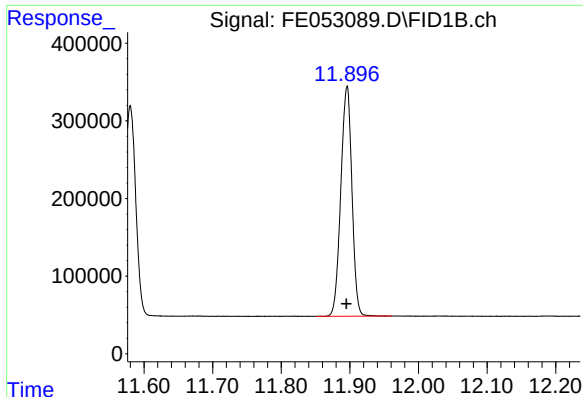
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3212152
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

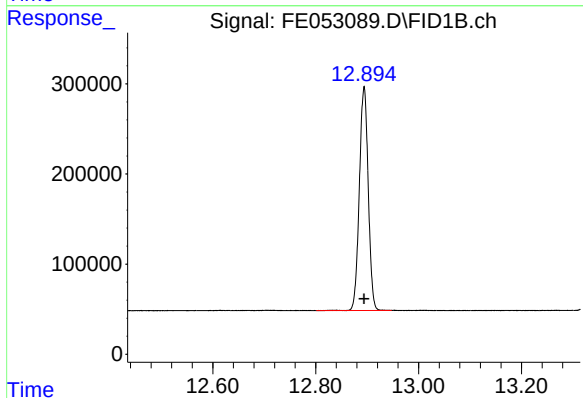
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3170177
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

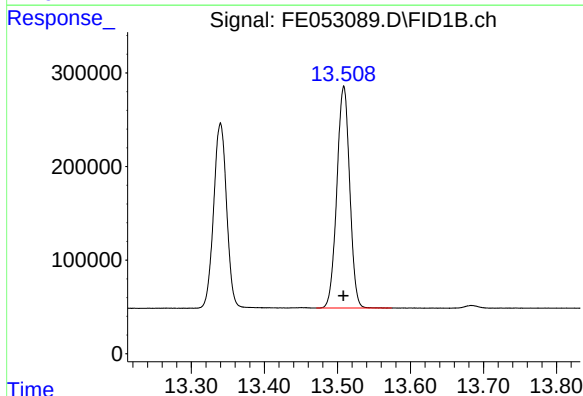
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3330537
Conc: 20.45 ug/ml

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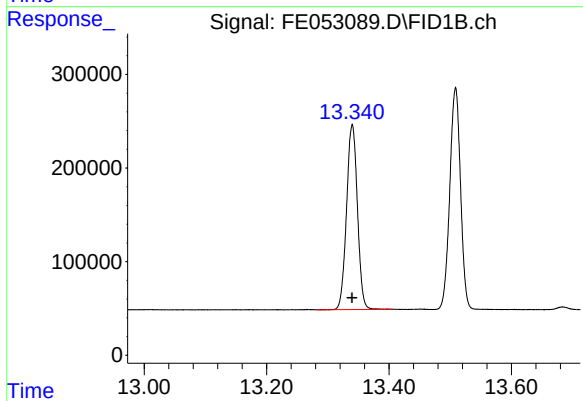
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2976833
Conc: 20.88 ug/ml



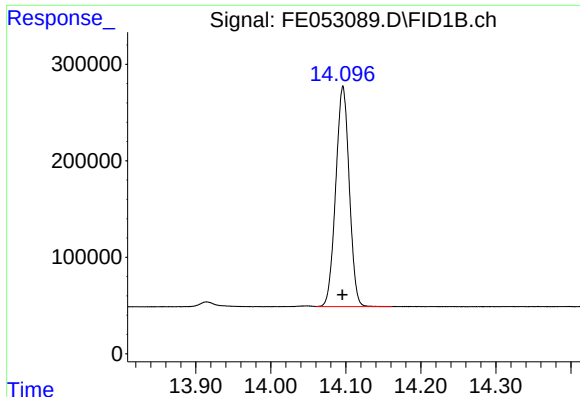
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 2892414
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

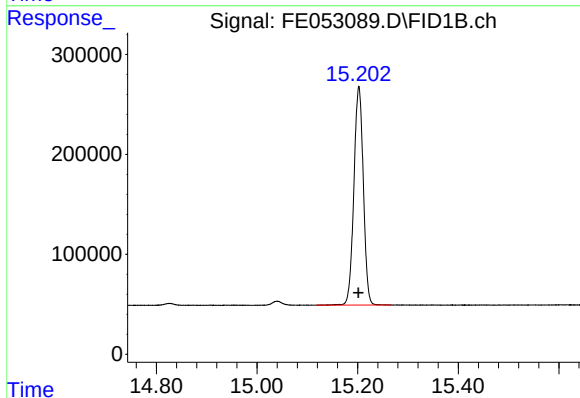
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2432827
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

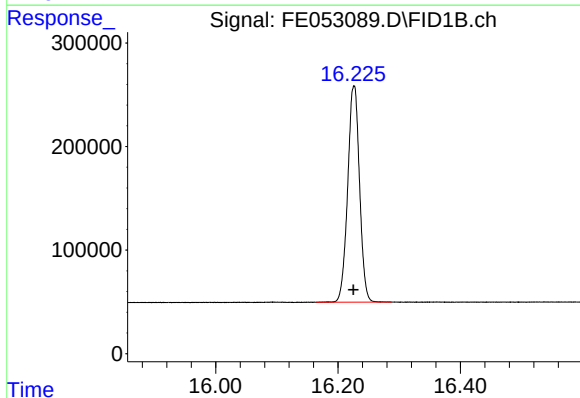
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2860617
Conc: 20.89 ug/ml

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20 PPM ALIPHATIC HC STD



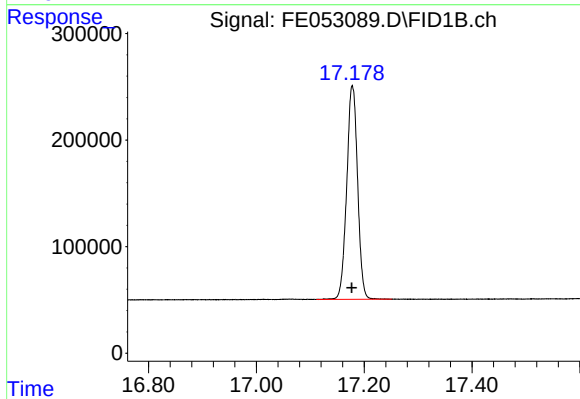
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.001 min
Response: 2843899
Conc: 21.06 ug/ml



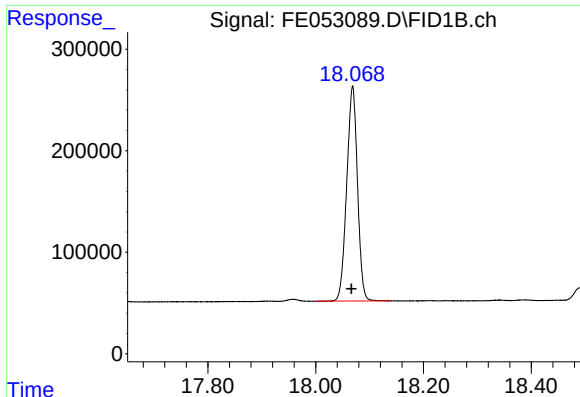
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 2804836
Conc: 21.02 ug/ml



#16 n-Octacosane (C28)

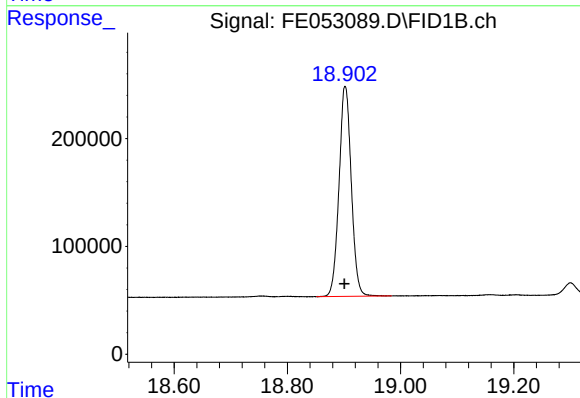
R.T.: 17.178 min
Delta R.T.: 0.002 min
Response: 2814183
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

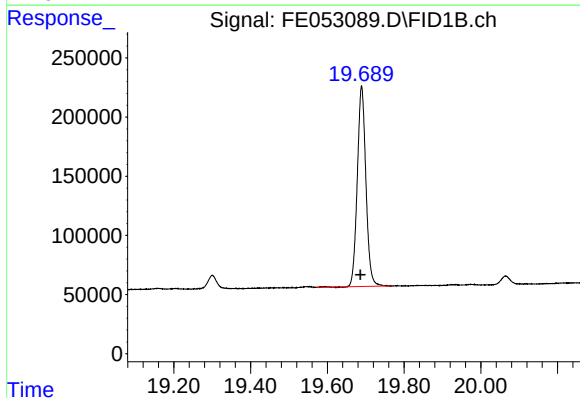
R.T.: 18.068 min
Delta R.T.: 0.002 min
Response: 2936374
Conc: 21.66 ug/ml

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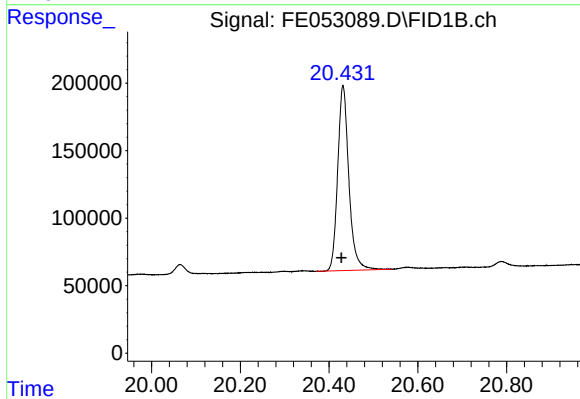
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.002 min
Response: 2927348
Conc: 21.75 ug/ml



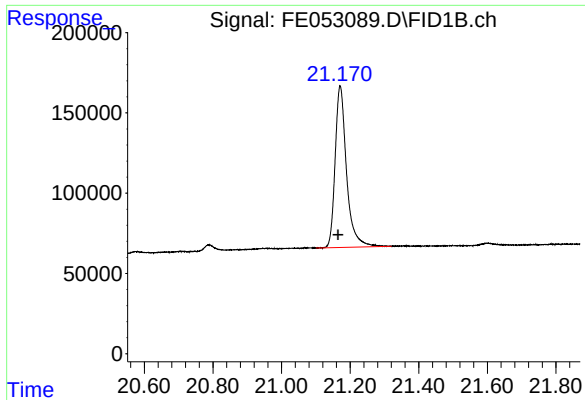
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.003 min
Response: 2640888
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

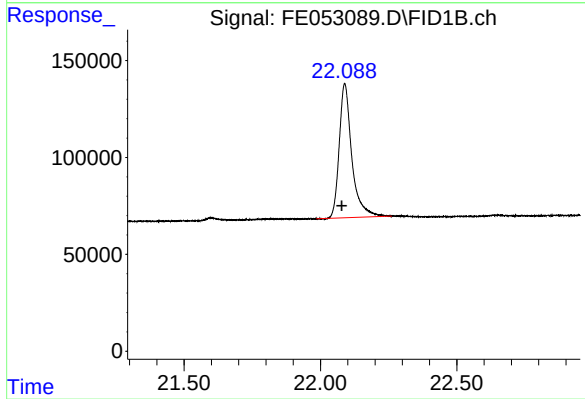
R.T.: 20.431 min
Delta R.T.: 0.004 min
Response: 2390208
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.006 min
Response: 2317134
Conc: 20.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.010 min
Response: 2224608
Conc: 19.81 ug/ml