

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053181.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 08:04
 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 04 23:51:33 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)	11.893	3051759	18.736 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
12) S 1-chlorooctadecane (S...	13.337	2257986	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.238	2846978	18.387 ug/ml
2) T n-Decane (C10)	4.499	2938949	18.736 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3136950	18.673 ug/ml
4) T n-Dodecane (C12)	6.679	2941969	18.811 ug/ml
5) T A~2-methylnaphthalene...	7.314	2998621	18.793 ug/ml
6) T n-Tetradecane (C14)	8.515	2900362	18.942 ug/ml
7) T n-Hexadecane (C16)	10.130	2960129	19.203 ug/ml
8) T n-Octadecane (C18)	11.577	2919187	19.247 ug/ml
10) T n-Eicosane (C20)	12.892	2739986	19.218 ug/ml
11) T n-Heneicosane (C21)	13.505	2659827	19.167 ug/ml
13) T n-Docosane (C22)	14.094	2627755	19.187 ug/ml
14) T n-Tetracosane (C24)	15.200	2618978	19.391 ug/ml
15) T n-Hexacosane (C26)	16.223	2583804	19.368 ug/ml
16) T n-Octacosane (C28)	17.175	2622306	19.871 ug/ml
17) T n-Tricontane (C30)	18.064	2791302	20.594 ug/ml
18) T n-Dotriacontane (C32)	18.898	2814353	20.915 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2562856	19.806 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2305667	19.410 ug/ml
21) T n-Octatriacontane (C38)	21.162	2241082	19.498 ug/ml
22) T n-Tetracontane (C40)	22.076	2111881	18.803 ug/ml

(f)=RT Delta > 1/2 Window

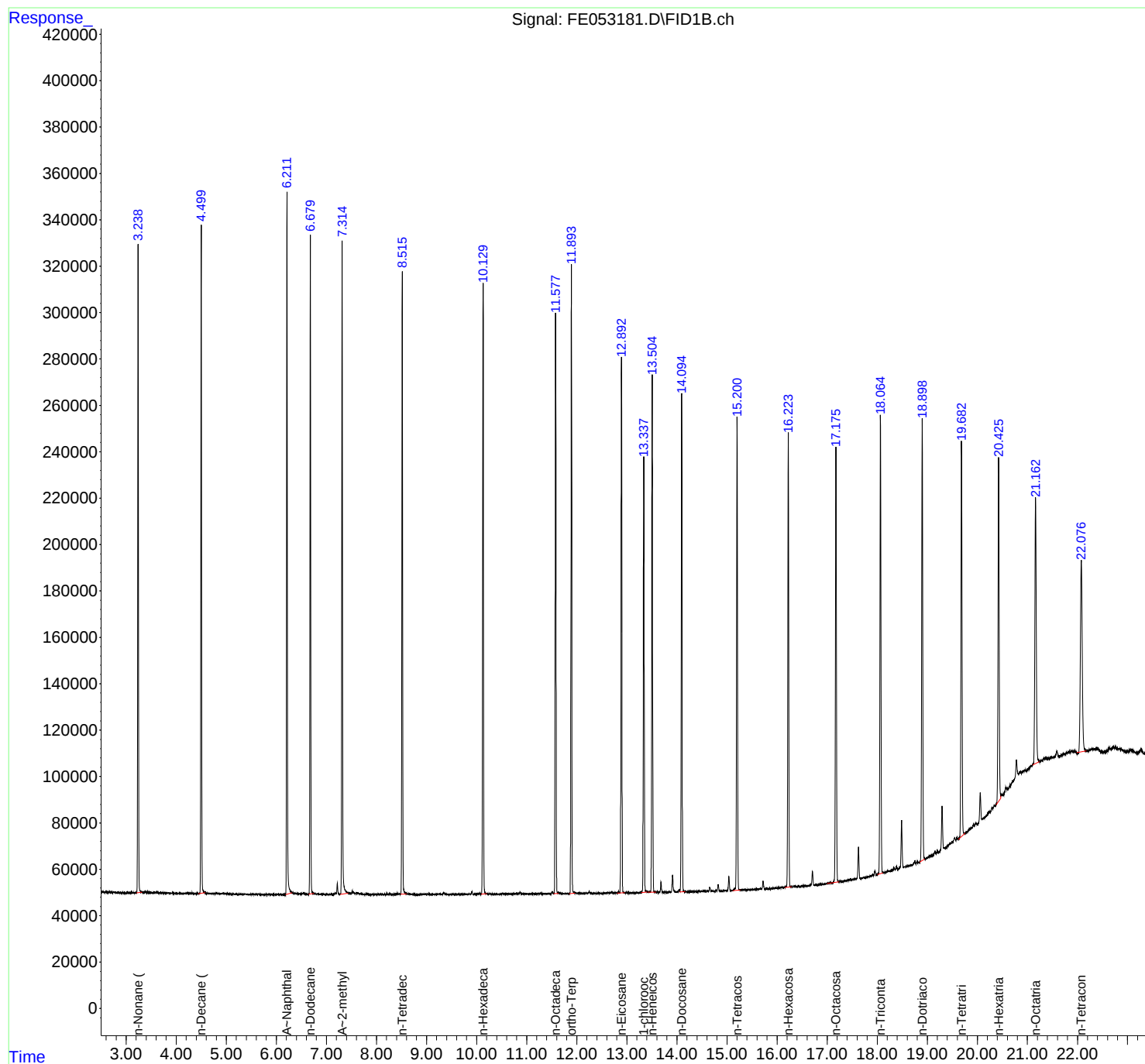
(m)=manual int.

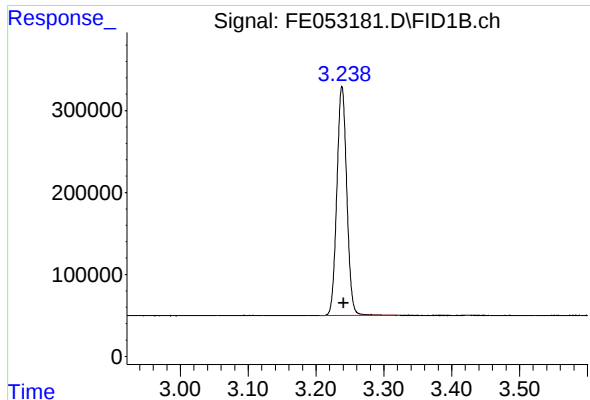
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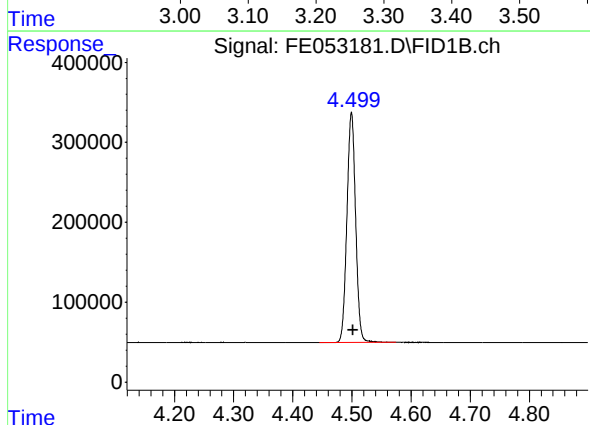




#1 n-Nonane (C9)

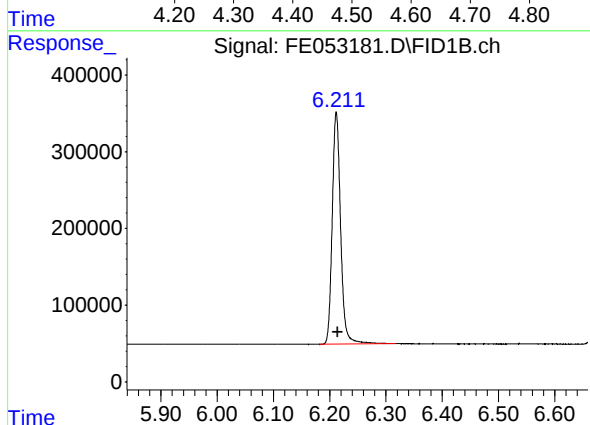
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2846978
Conc: 18.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



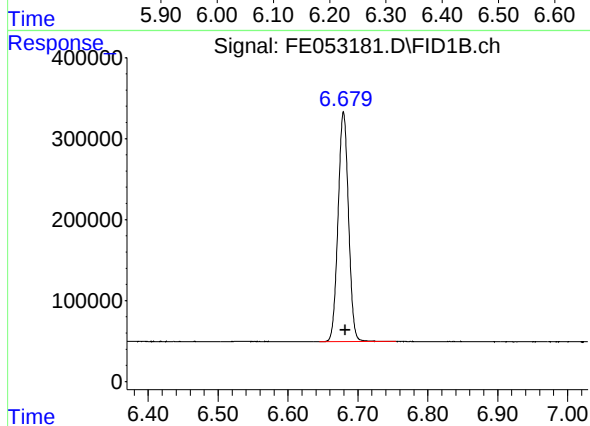
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2938949
Conc: 18.74 ug/ml



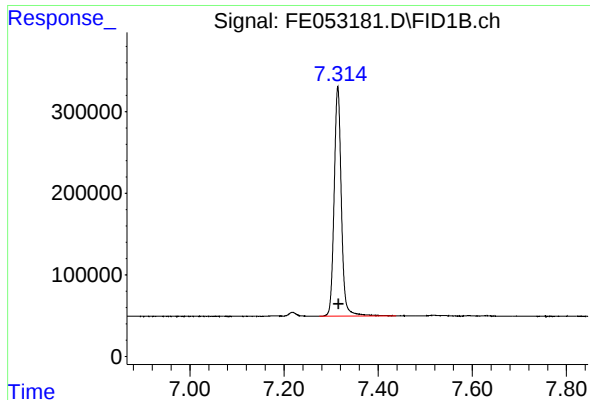
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 3136950
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

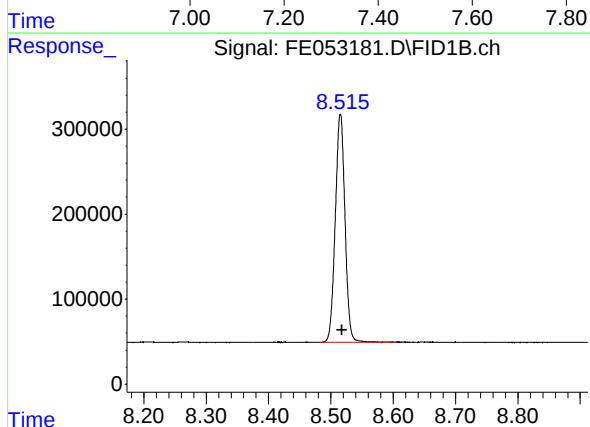
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 2941969
Conc: 18.81 ug/ml



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

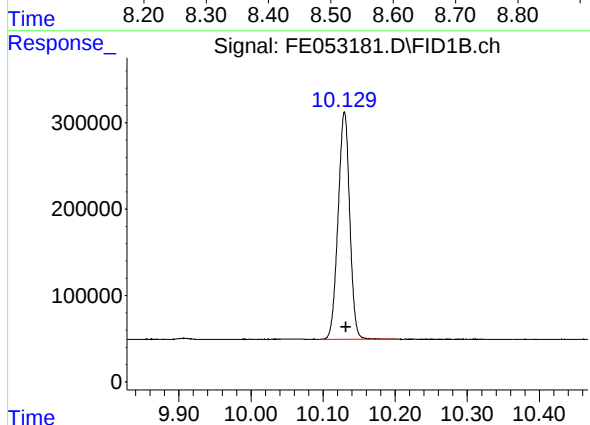
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 2998621
Conc: 18.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



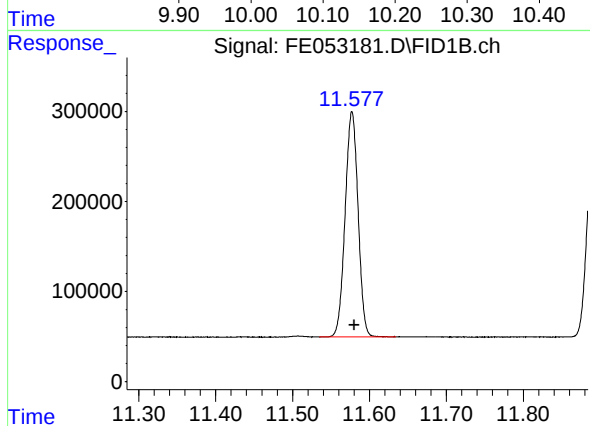
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 2900362
Conc: 18.94 ug/ml



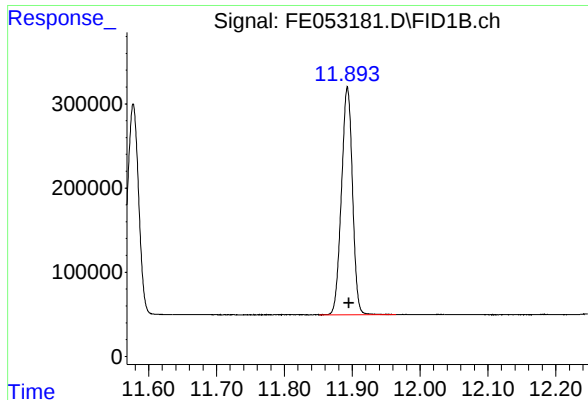
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 2960129
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

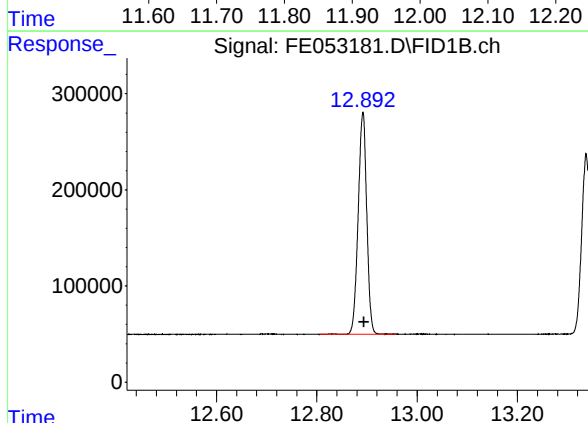
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 2919187
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

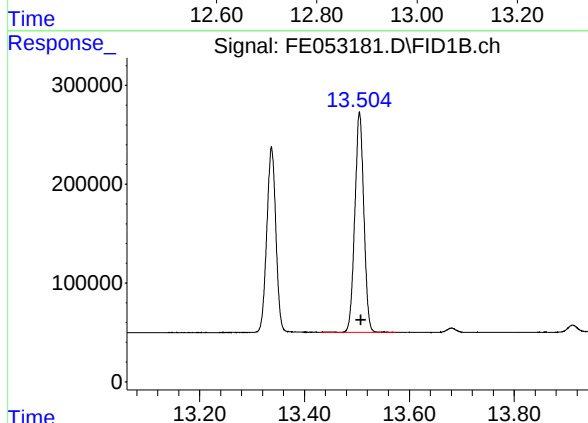
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 3051759
Conc: 18.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



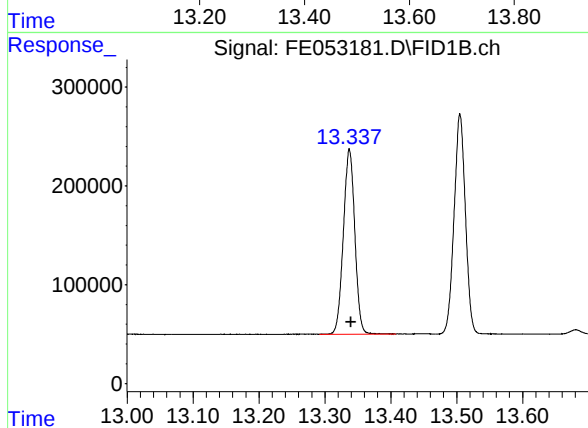
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 2739986
Conc: 19.22 ug/ml



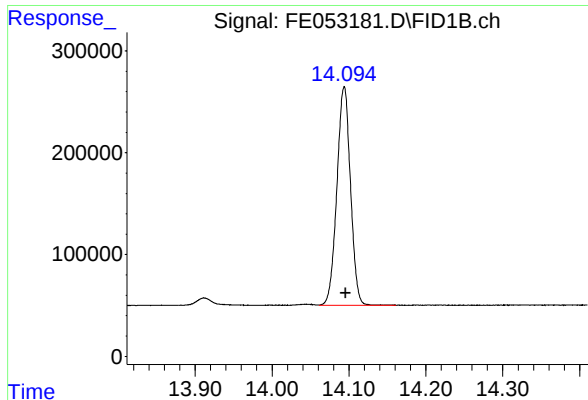
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2659827
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

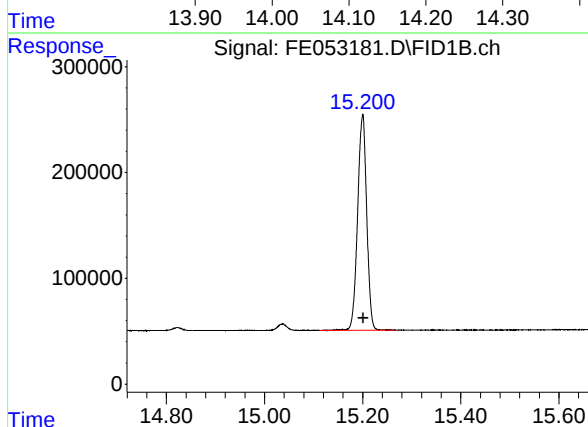
R.T.: 13.337 min
Delta R.T.: -0.002 min
Response: 2257986
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

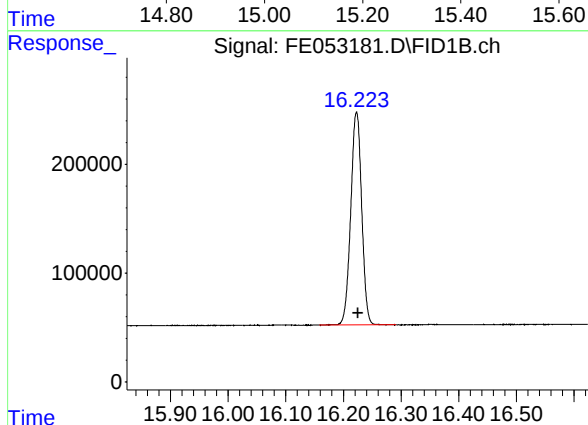
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 2627755
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



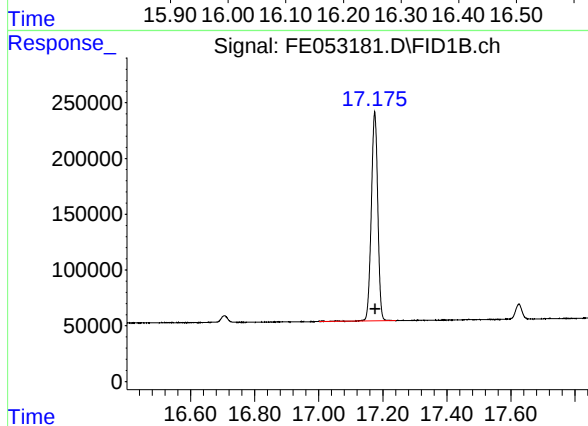
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.002 min
Response: 2618978
Conc: 19.39 ug/ml



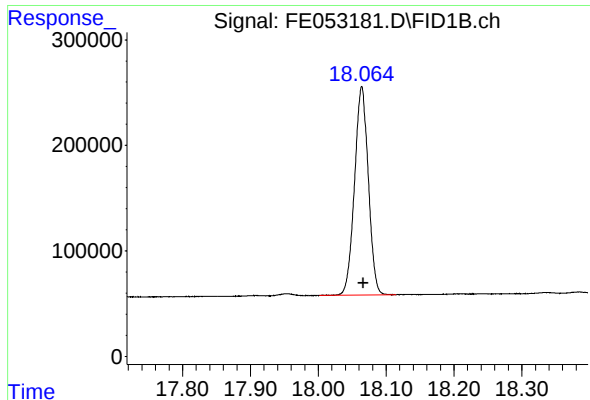
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.003 min
Response: 2583804
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

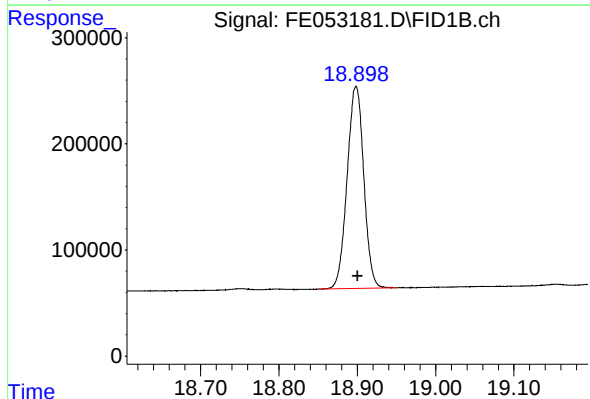
R.T.: 17.175 min
Delta R.T.: -0.002 min
Response: 2622306
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

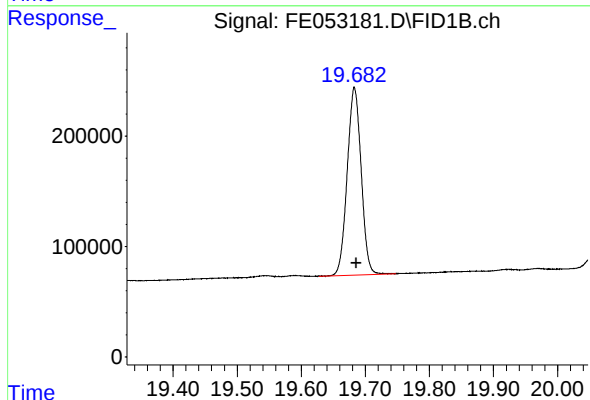
R.T.: 18.064 min
Delta R.T.: -0.002 min
Response: 2791302
Conc: 20.59 ug/ml

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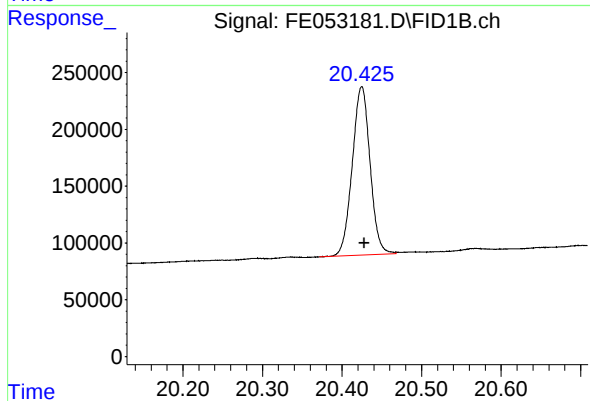
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 2814353
Conc: 20.91 ug/ml



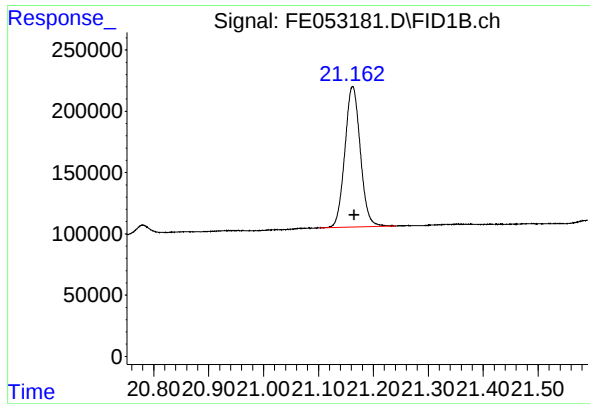
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 2562856
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

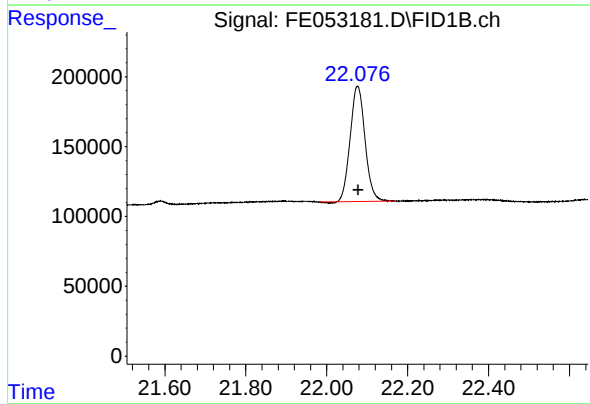
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 2305667
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.003 min
Response: 2241082
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.002 min
Response: 2111881
Conc: 18.80 ug/ml