

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070224AL\
 Data File : FE048961.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2024 07:02
 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: Jul 03 01:24:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.934	2760108	16.507 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
12) S 1-chlorooctadecane (S...	13.368	2117419	16.466 ug/ml
Spiked Amount 50.000		Recovery =	32.93%
Target Compounds			
1) T n-Nonane (C9)	3.320	2575410	17.130 ug/ml
2) T n-Decane (C10)	4.569	2738906	17.798 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2772082	17.462 ug/ml
4) T n-Dodecane (C12)	6.735	2718875	17.612 ug/ml
5) T A~2-methylnaphthalene...	7.373	2649162	17.493 ug/ml
6) T n-Tetradecane (C14)	8.563	2668208	17.409 ug/ml
7) T n-Hexadecane (C16)	10.171	2739821	17.523 ug/ml
8) T n-Octadecane (C18)	11.614	2735685	17.153 ug/ml
10) T n-Eicosane (C20)	12.923	2608225	16.823 ug/ml
11) T n-Heneicosane (C21)	13.535	2563356	16.835 ug/ml
13) T n-Docosane (C22)	14.121	2551724	16.873 ug/ml
14) T n-Tetracosane (C24)	15.224	2556212	17.010 ug/ml
15) T n-Hexacosane (C26)	16.243	2559285	17.336 ug/ml
16) T n-Octacosane (C28)	17.193	2647359	18.357 ug/ml
17) T n-Tricontane (C30)	18.080	2983529	20.393 ug/ml
18) T n-Dotriacontane (C32)	18.912	3058995	21.395 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2913861	21.058 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2717314	20.908 ug/ml
21) T n-Octatriacontane (C38)	21.171	2668971	20.820 ug/ml
22) T n-Tetracontane (C40)	22.086	2760778	22.544 ug/ml

(f)=RT Delta > 1/2 Window

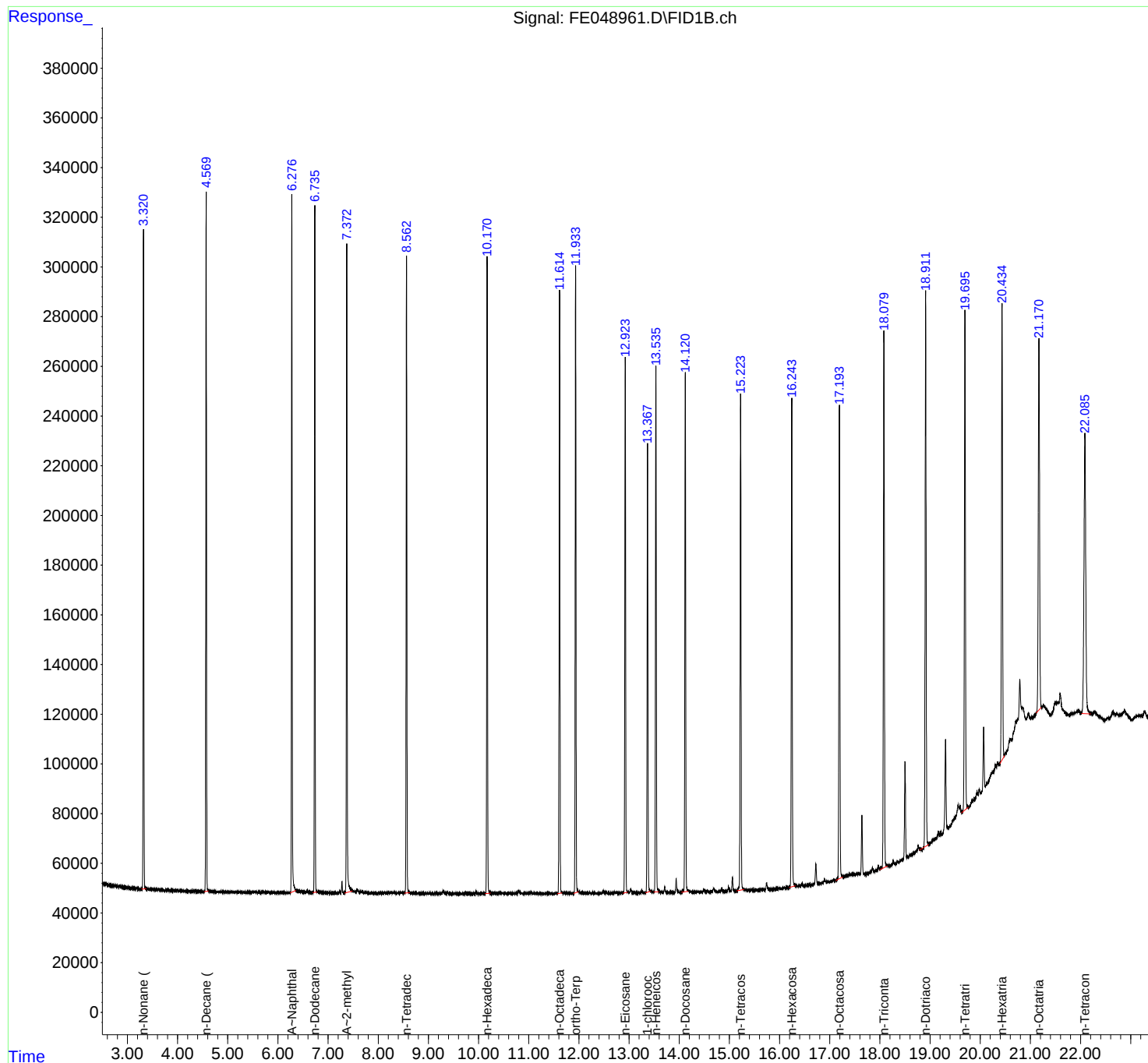
(m)=manual int.

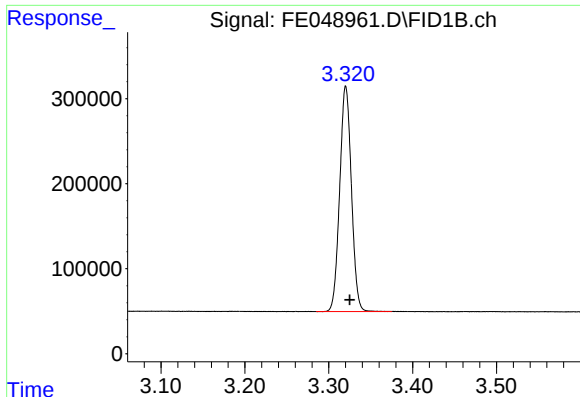
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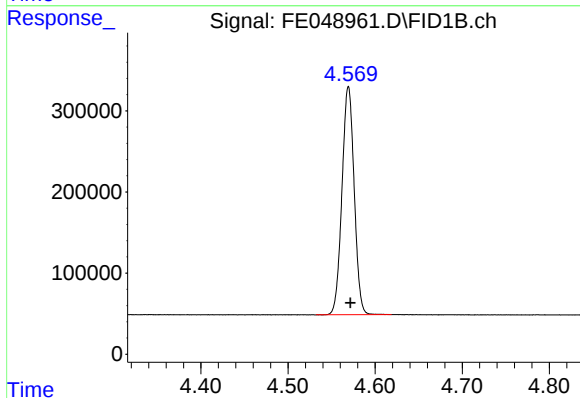




#1 n-Nonane (C9)

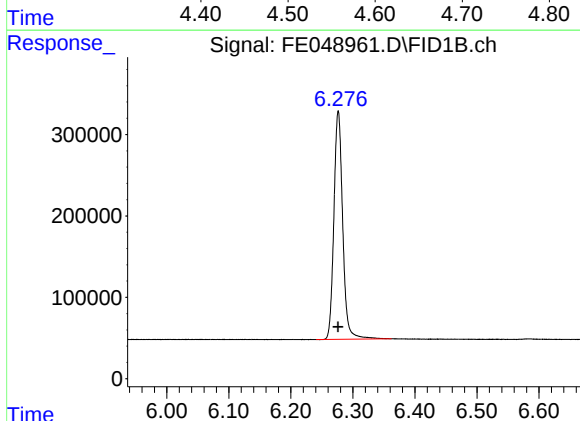
R.T.: 3.320 min
Delta R.T.: -0.005 min
Response: 2575410
Conc: 17.13 ug/ml

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20 PPM ALIPHATIC HC STD



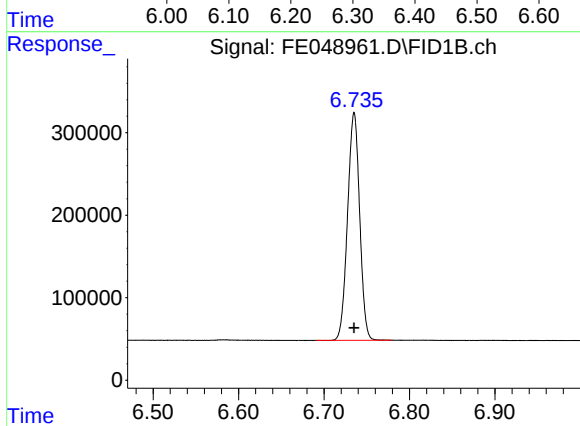
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 2738906
Conc: 17.80 ug/ml



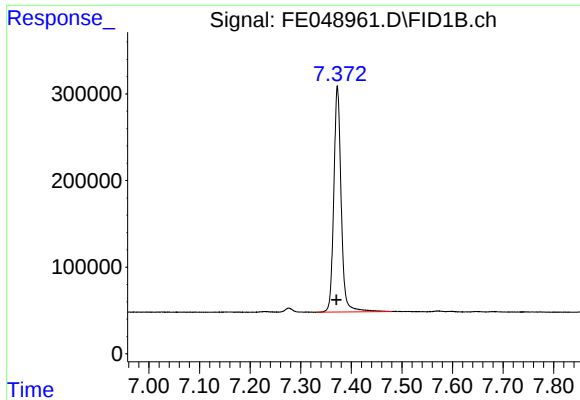
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2772082
Conc: 17.46 ug/ml



#4 n-Dodecane (C12)

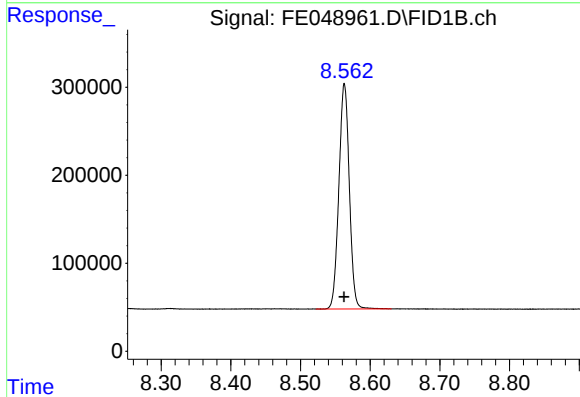
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 2718875
Conc: 17.61 ug/ml



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

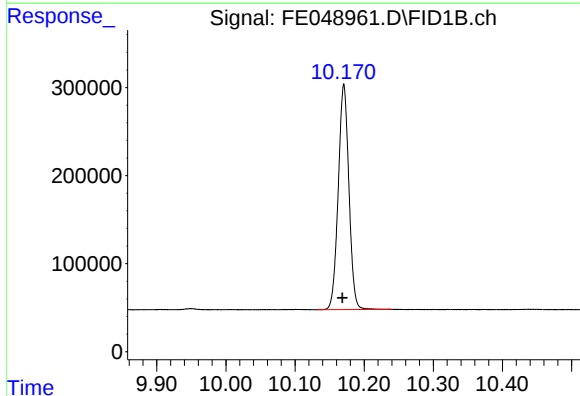
R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 2649162
Conc: 17.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



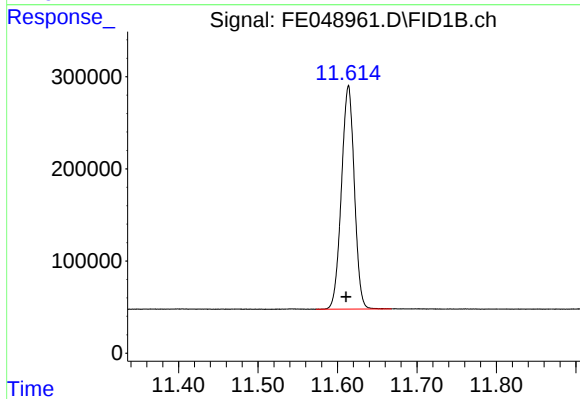
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 2668208
Conc: 17.41 ug/ml



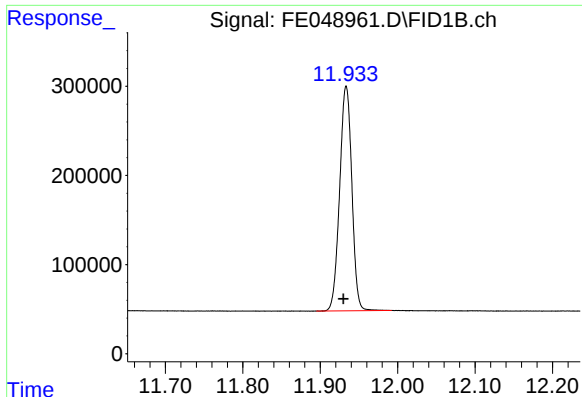
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.002 min
Response: 2739821
Conc: 17.52 ug/ml



#8 n-Octadecane (C18)

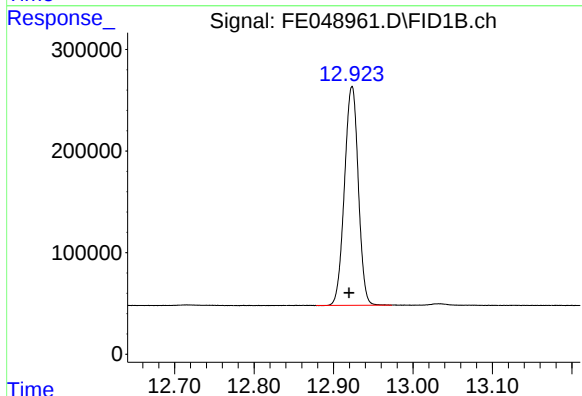
R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 2735685
Conc: 17.15 ug/ml



#9 ortho-Terphenyl (SURR)

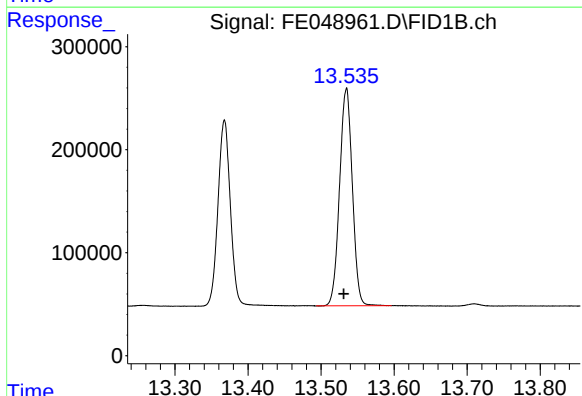
R.T.: 11.934 min
Delta R.T.: 0.004 min
Response: 2760108
Conc: 16.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



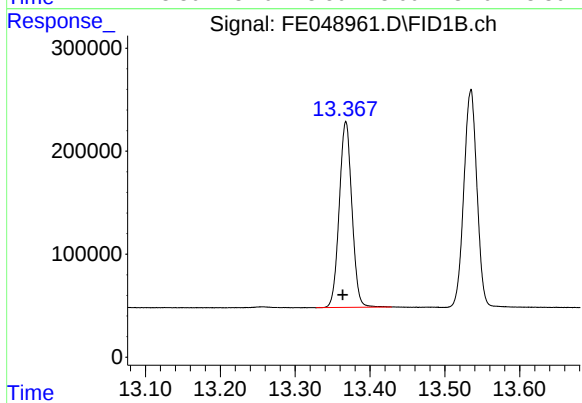
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.004 min
Response: 2608225
Conc: 16.82 ug/ml



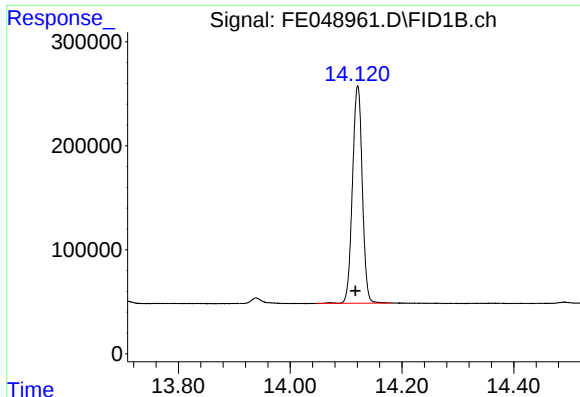
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.004 min
Response: 2563356
Conc: 16.83 ug/ml



#12 1-chlorooctadecane (SURR)

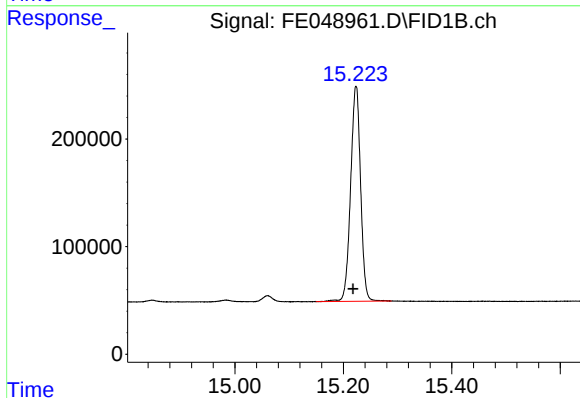
R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 2117419
Conc: 16.47 ug/ml



#13 n-Docosane (C22)

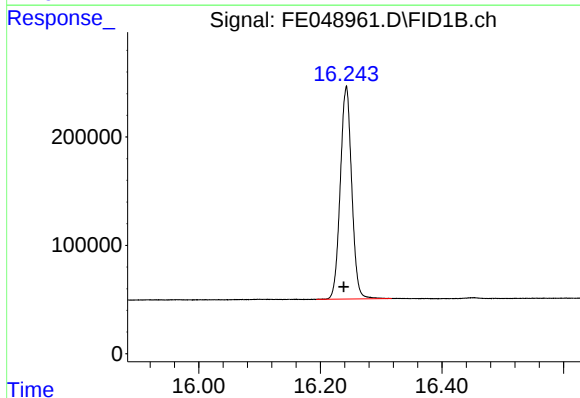
R.T.: 14.121 min
Delta R.T.: 0.004 min
Response: 2551724
Conc: 16.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



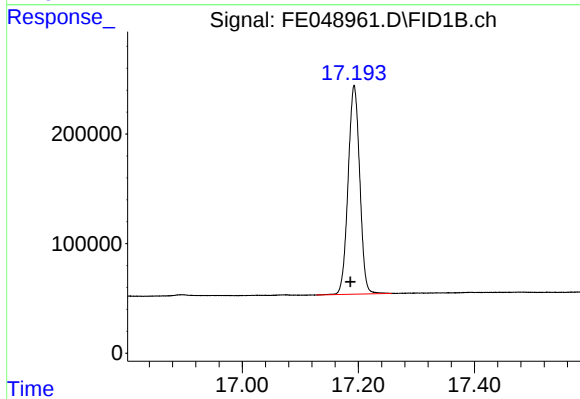
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 2556212
Conc: 17.01 ug/ml



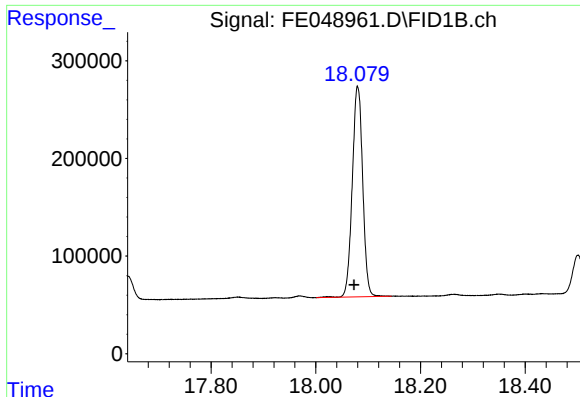
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 2559285
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

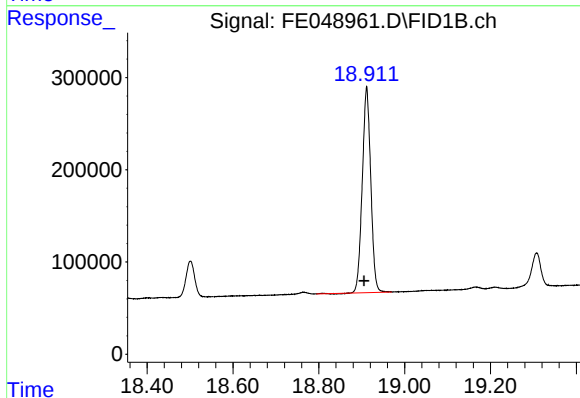
R.T.: 17.193 min
Delta R.T.: 0.007 min
Response: 2647359
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

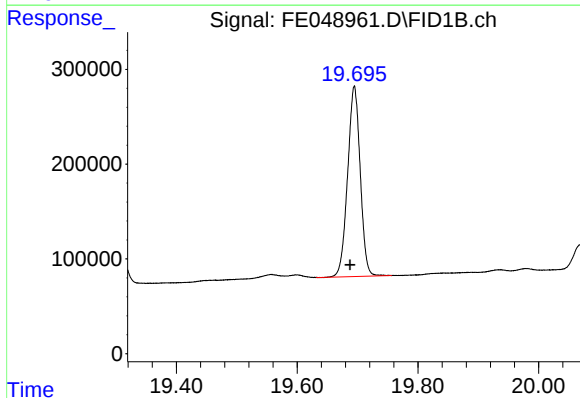
R.T.: 18.080 min
Delta R.T.: 0.007 min
Response: 2983529
Conc: 20.39 ug/ml

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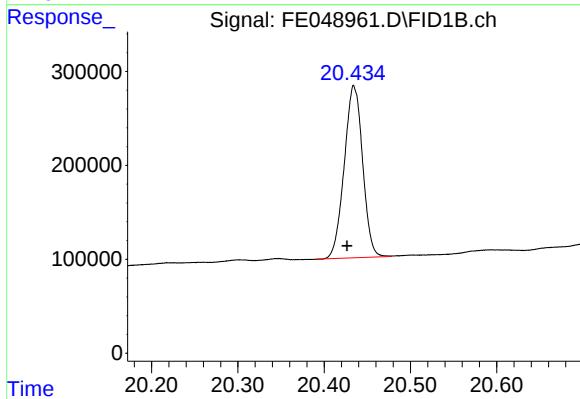
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.006 min
Response: 3058995
Conc: 21.39 ug/ml



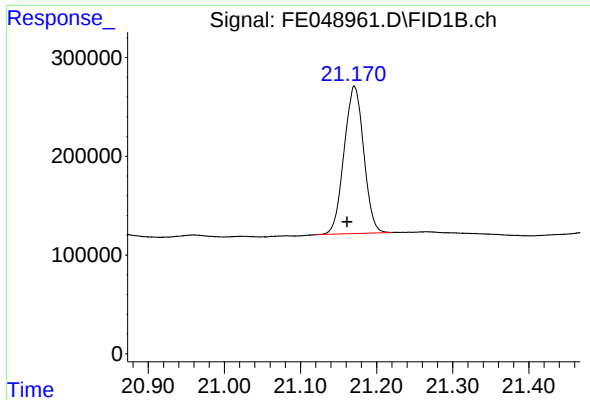
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.007 min
Response: 2913861
Conc: 21.06 ug/ml



#20 n-Hexatriacontane (C36)

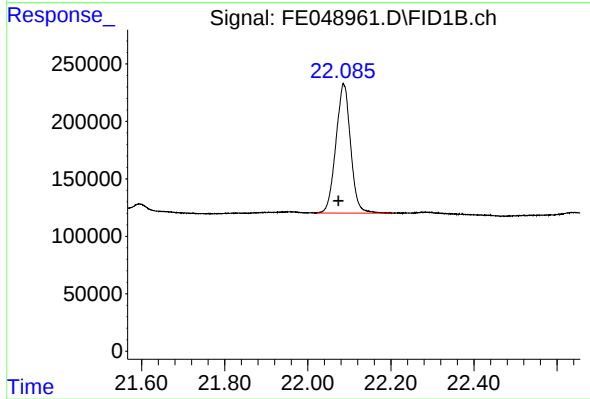
R.T.: 20.434 min
Delta R.T.: 0.008 min
Response: 2717314
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.010 min
Response: 2668971
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.012 min
Response: 2760778
Conc: 22.54 ug/ml