

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
 Data File : FE045199.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2023 04:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 04 05:23:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.886	3977345	20.832 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
12) S 1-chlorooctadecane (S...	13.328	2869849	20.835 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.272	3413749	20.664 ug/ml
2) T n-Decane (C10)	4.524	3488199	20.803 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3727205	20.881 ug/ml
4) T n-Dodecane (C12)	6.690	3522234	20.856 ug/ml
5) T A~2-methylnaphthalene...	7.320	3596583	20.945 ug/ml
6) T n-Tetradecane (C14)	8.517	3460622	20.764 ug/ml
7) T n-Hexadecane (C16)	10.127	3506927	20.849 ug/ml
8) T n-Octadecane (C18)	11.572	3481332	20.800 ug/ml
10) T n-Eicosane (C20)	12.883	3298843	20.825 ug/ml
11) T n-Heneicosane (C21)	13.495	3198920	20.805 ug/ml
13) T n-Docosane (C22)	14.083	3161403	20.865 ug/ml
14) T n-Tetracosane (C24)	15.188	3131768	21.145 ug/ml
15) T n-Hexacosane (C26)	16.211	3083708	21.157 ug/ml
16) T n-Octacosane (C28)	17.162	3112319	21.298 ug/ml
17) T n-Tricontane (C30)	18.052	3224219	21.226 ug/ml
18) T n-Dotriacontane (C32)	18.886	3320929	21.258 ug/ml
19) T n-Tetratriacontane (C34)	19.673	3328952	21.321 ug/ml
20) T n-Hexatriacontane (C36)	20.412	3419959	21.069 ug/ml
21) T n-Octatriacontane (C38)	21.149	3492818	21.023 ug/ml
22) T n-Tetracontane (C40)	22.065	3490442	20.435 ug/ml

(f)=RT Delta > 1/2 Window

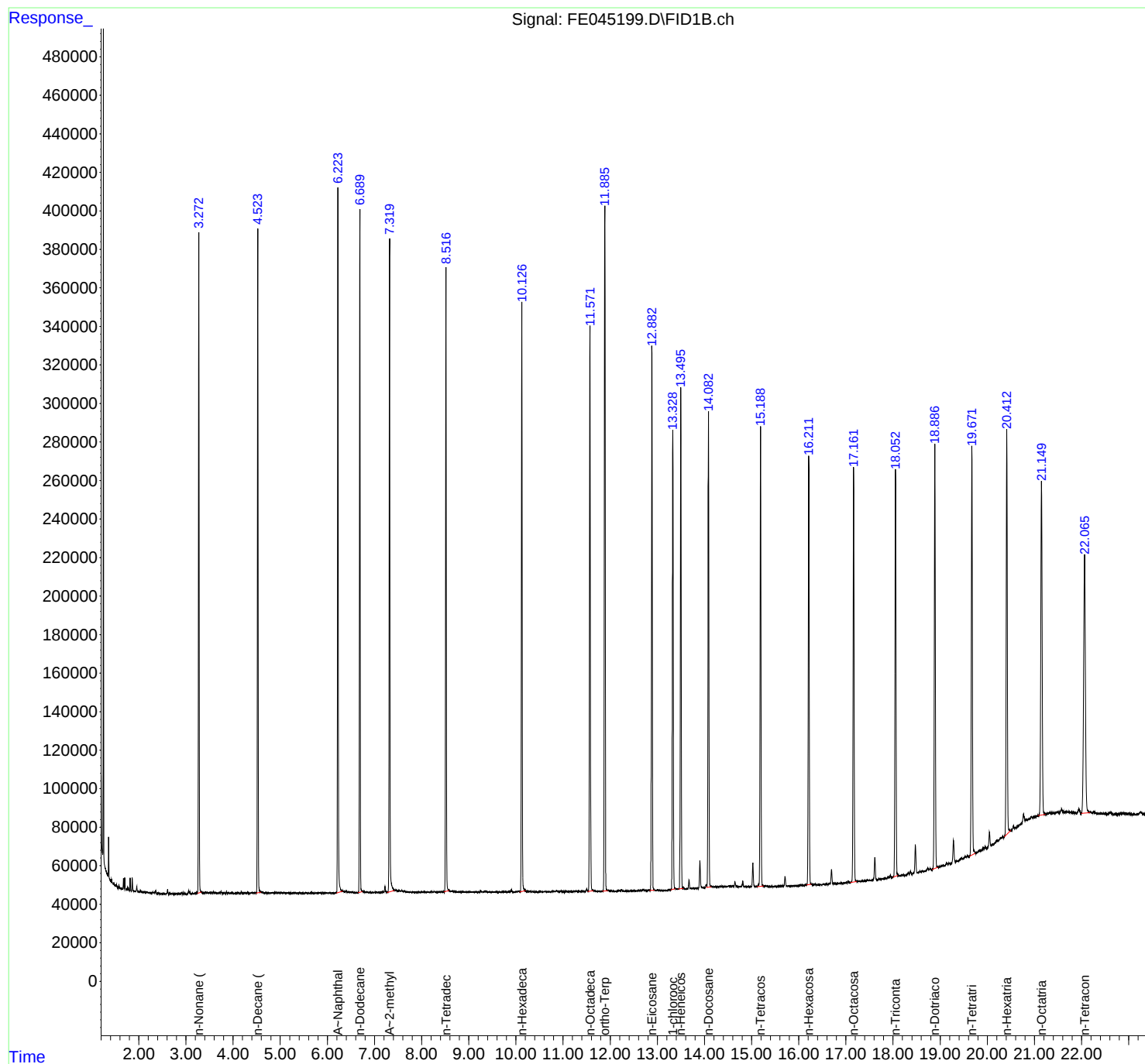
(m)=manual int.

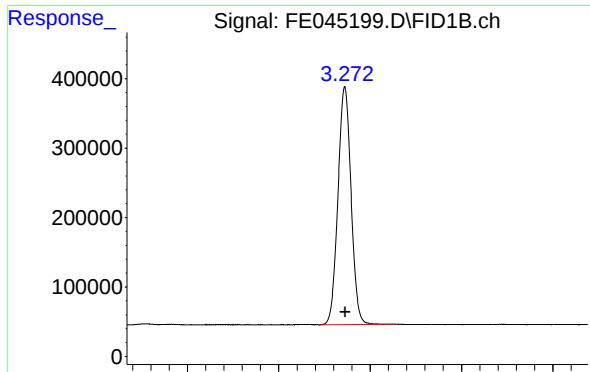
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
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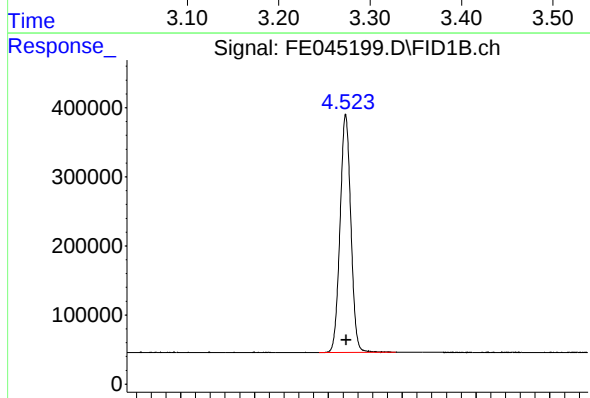




#1 n-Nonane (C9)

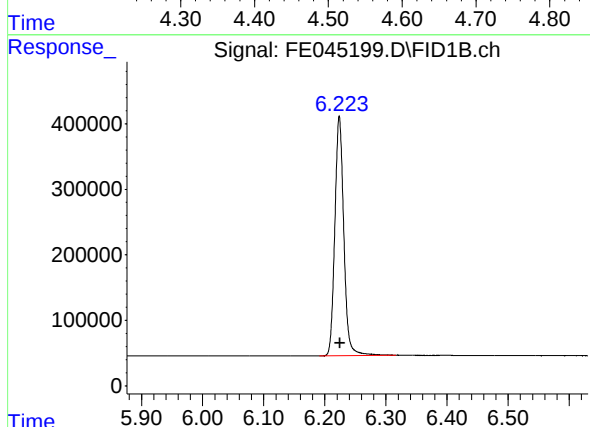
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3413749
Conc: 20.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



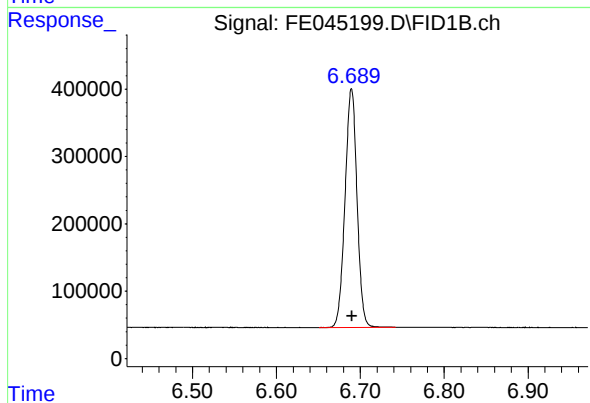
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3488199
Conc: 20.80 ug/ml



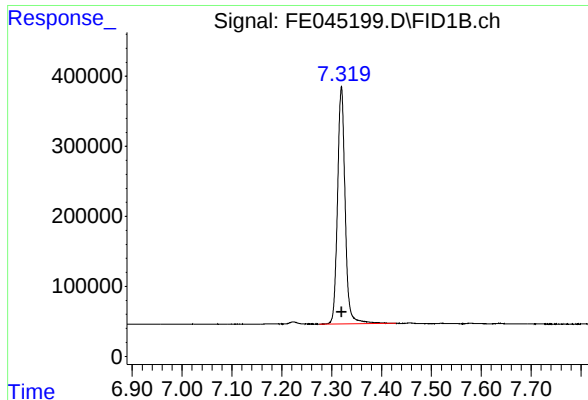
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 3727205
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

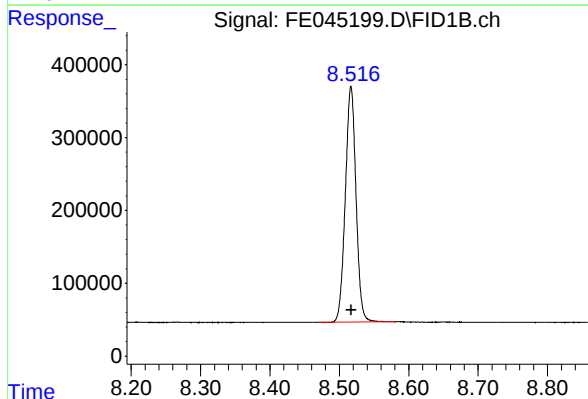
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 3522234
Conc: 20.86 ug/ml



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

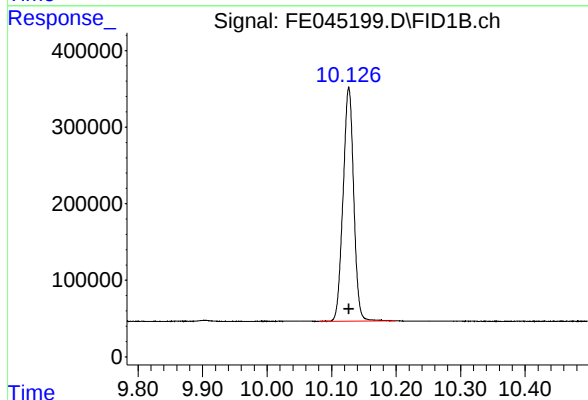
R.T.: 7.320 min
Delta R.T.: -0.001 min
Response: 3596583
Conc: 20.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



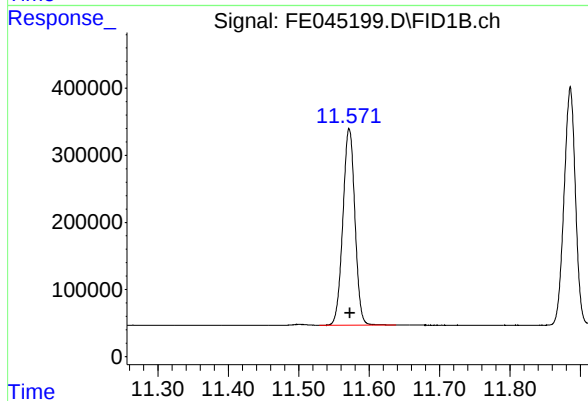
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 3460622
Conc: 20.76 ug/ml



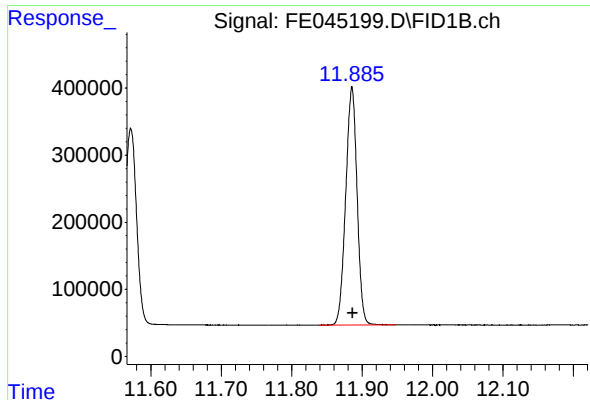
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 3506927
Conc: 20.85 ug/ml



#8 n-Octadecane (C18)

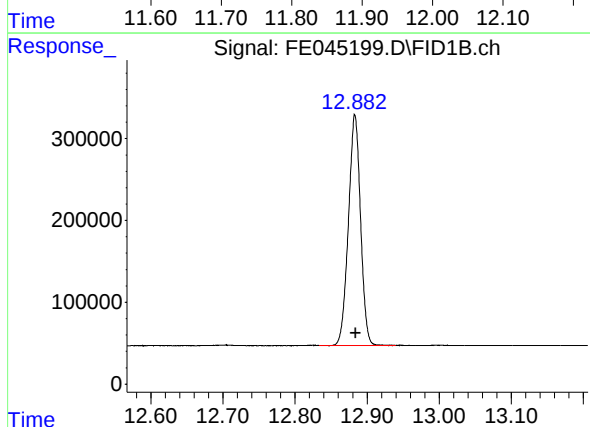
R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 3481332
Conc: 20.80 ug/ml



#9 ortho-Terphenyl (SURR)

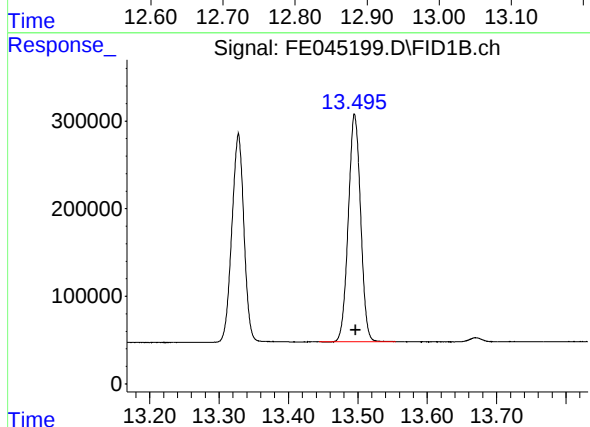
R.T.: 11.886 min
Delta R.T.: 0.000 min
Response: 3977345
Conc: 20.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



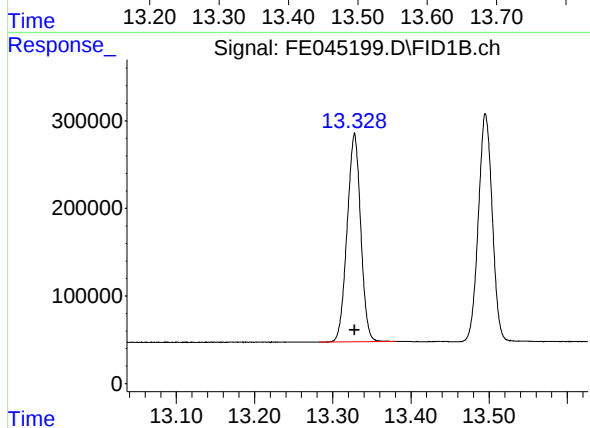
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 3298843
Conc: 20.82 ug/ml



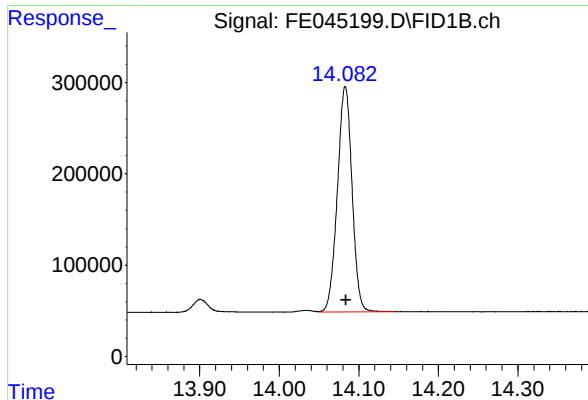
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.001 min
Response: 3198920
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

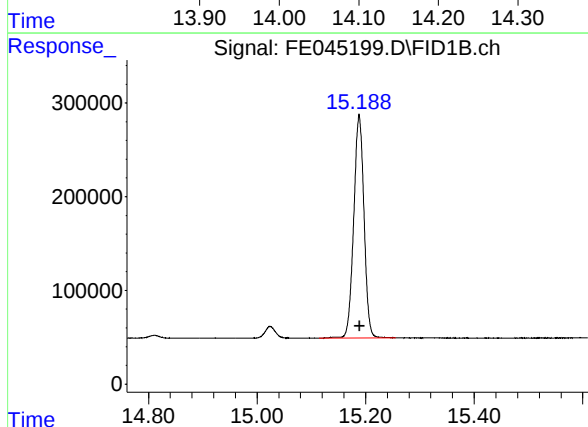
R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 2869849
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

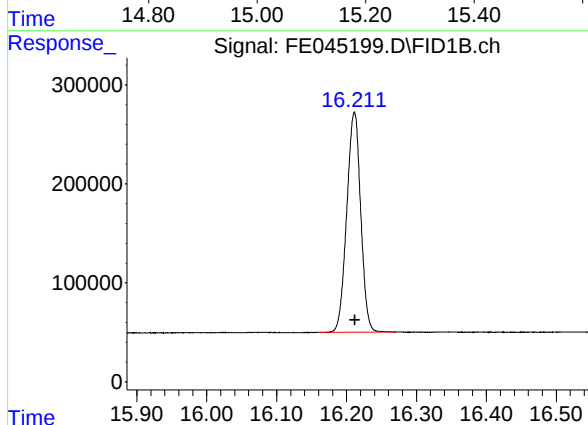
R.T.: 14.083 min
Delta R.T.: 0.000 min
Response: 3161403
Conc: 20.87 ug/ml

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20 PPM ALIPHATIC HC STD



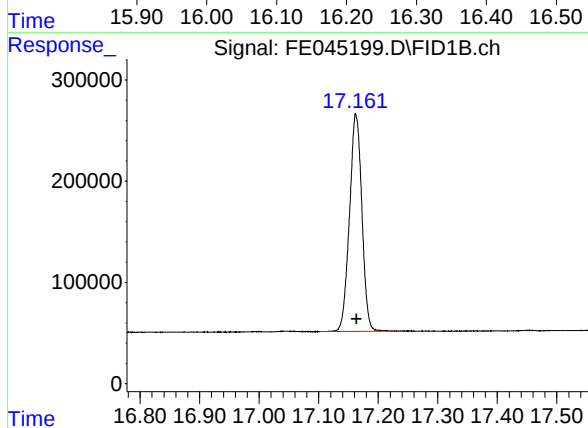
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.001 min
Response: 3131768
Conc: 21.14 ug/ml



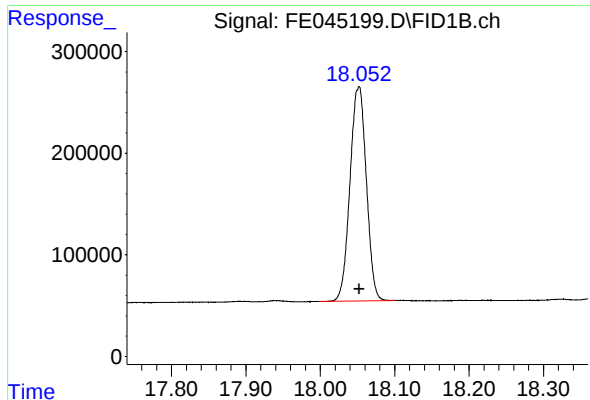
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 3083708
Conc: 21.16 ug/ml



#16 n-Octacosane (C28)

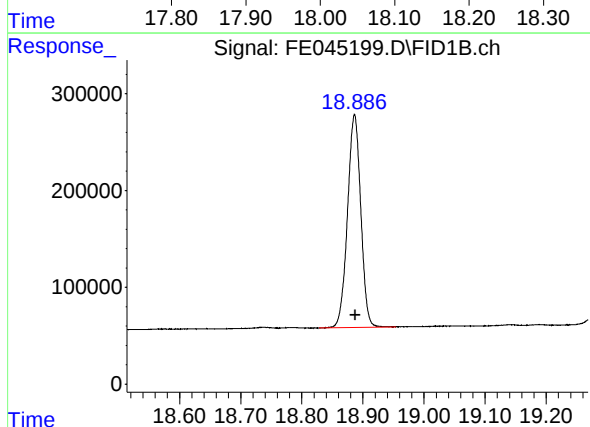
R.T.: 17.162 min
Delta R.T.: -0.001 min
Response: 3112319
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

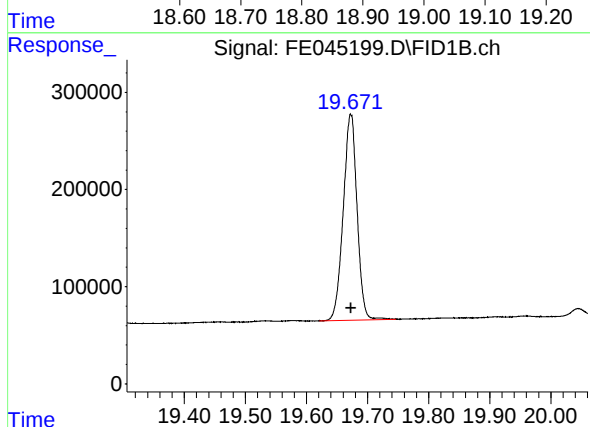
R.T.: 18.052 min
Delta R.T.: 0.000 min
Response: 3224219
Conc: 21.23 ug/ml

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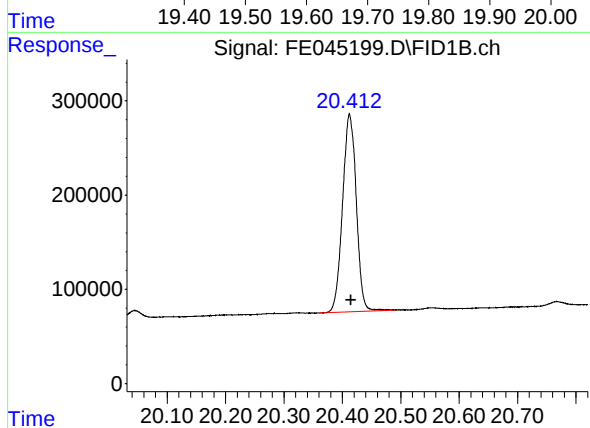
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.001 min
Response: 3320929
Conc: 21.26 ug/ml



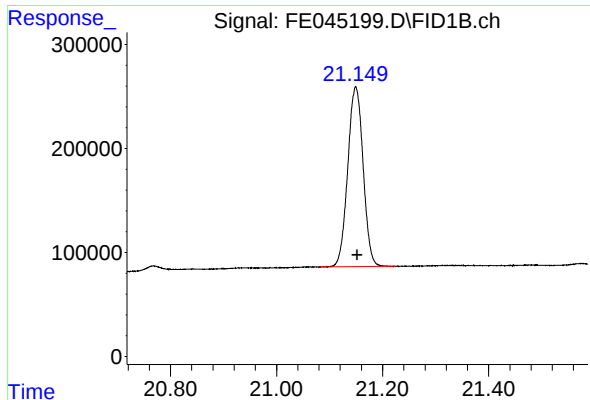
#19 n-Tetatriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 3328952
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

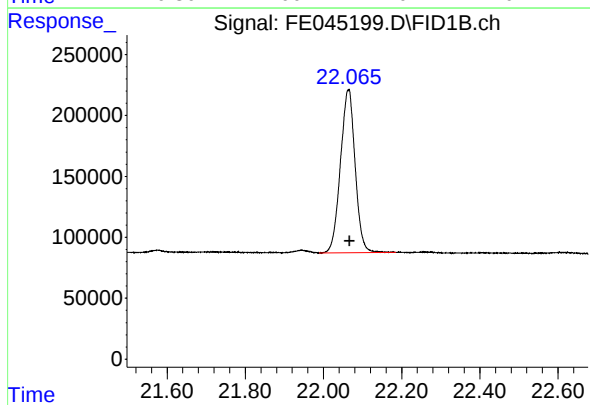
R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 3419959
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.003 min
Response: 3492818
Conc: 21.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.003 min
Response: 3490442
Conc: 20.43 ug/ml