

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052549.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 23:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 03:27:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 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)	11.915	3265823	17.471 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.360	2456966	17.677 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.254	3097680	20.180 ug/ml
2) T n-Decane (C10)	4.516	3148567	20.159 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3417565	19.781 ug/ml
4) T n-Dodecane (C12)	6.698	3104525	19.669 ug/ml
5) T A~2-methylnaphthalene...	7.332	3263653	19.432 ug/ml
6) T n-Tetradecane (C14)	8.535	2998091	19.034 ug/ml
7) T n-Hexadecane (C16)	10.149	3028708	18.531 ug/ml
8) T n-Octadecane (C18)	11.599	3009198	18.187 ug/ml
10) T n-Eicosane (C20)	12.914	2864689	17.969 ug/ml
11) T n-Heneicosane (C21)	13.528	2814513	17.964 ug/ml
13) T n-Docosane (C22)	14.116	2802725	17.909 ug/ml
14) T n-Tetracosane (C24)	15.224	2798298	17.793 ug/ml
15) T n-Hexacosane (C26)	16.247	2774212	17.911 ug/ml
16) T n-Octacosane (C28)	17.200	2761775	18.055 ug/ml
17) T n-Tricontane (C30)	18.091	2850036	18.258 ug/ml
18) T n-Dotriacontane (C32)	18.927	2813533	18.387 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2541788	17.867 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2303585	18.482 ug/ml
21) T n-Octatriacontane (C38)	21.199	2275089	20.815 ug/ml
22) T n-Tetracontane (C40)	22.122	2314126	23.006 ug/ml

(f)=RT Delta > 1/2 Window

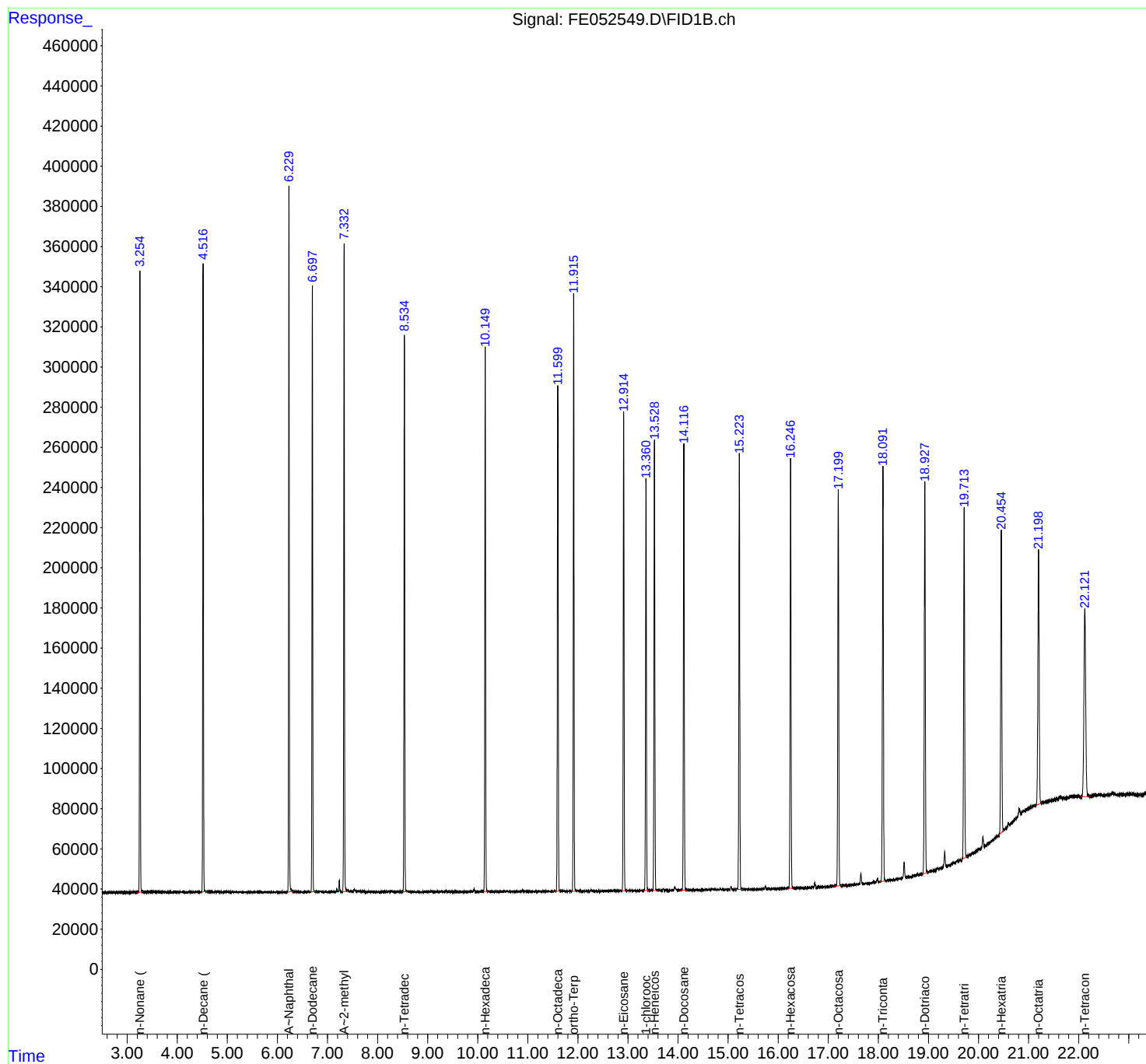
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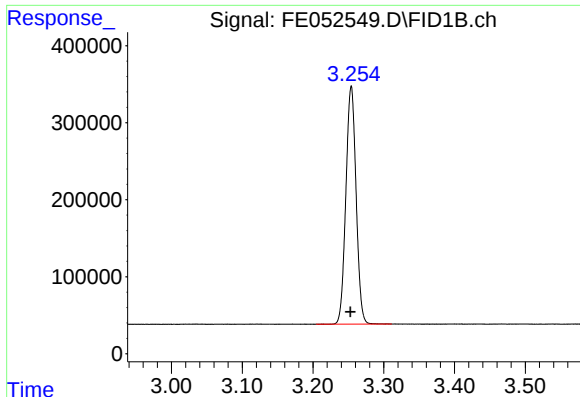
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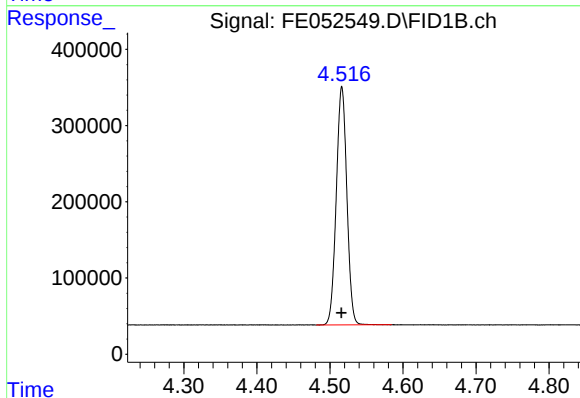




#1 n-Nonane (C9)

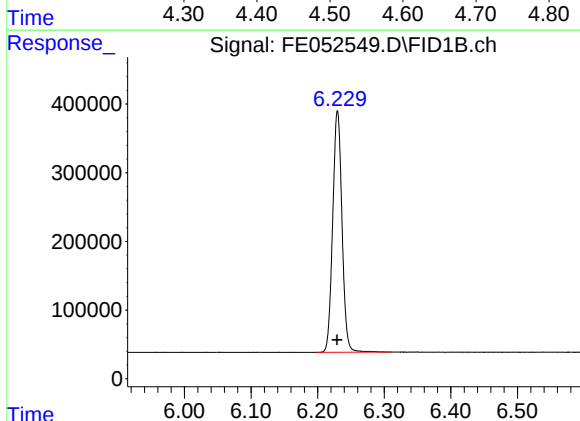
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 3097680
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



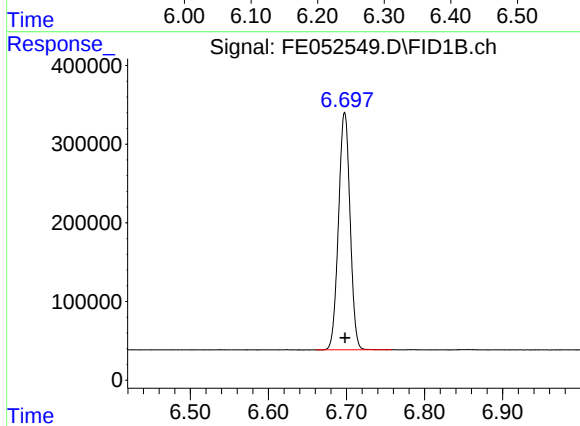
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3148567
Conc: 20.16 ug/ml



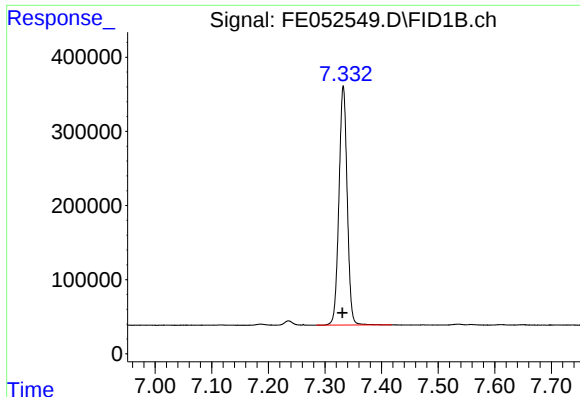
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3417565
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

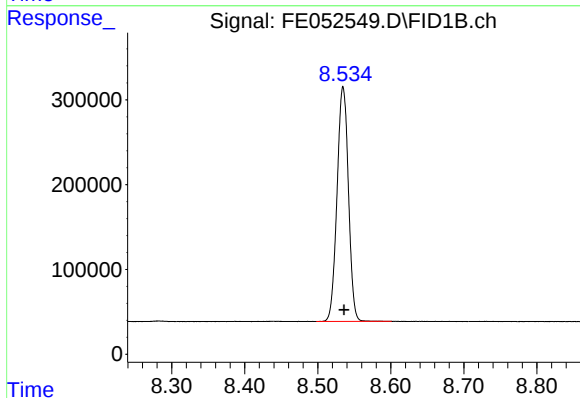
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3104525
Conc: 19.67 ug/ml



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

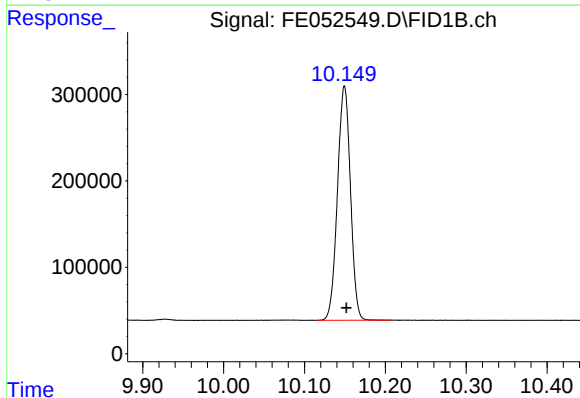
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 3263653
Conc: 19.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



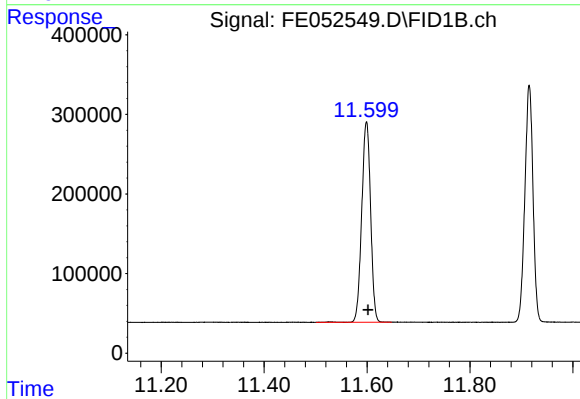
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 2998091
Conc: 19.03 ug/ml



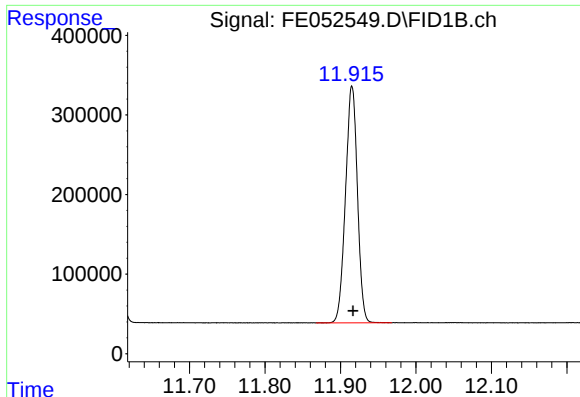
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.003 min
Response: 3028708
Conc: 18.53 ug/ml



#8 n-Octadecane (C18)

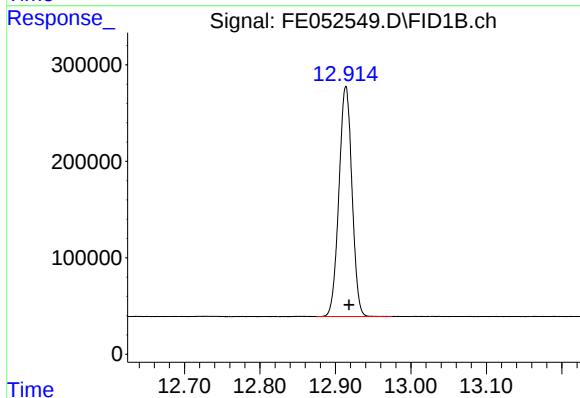
R.T.: 11.599 min
Delta R.T.: -0.003 min
Response: 3009198
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

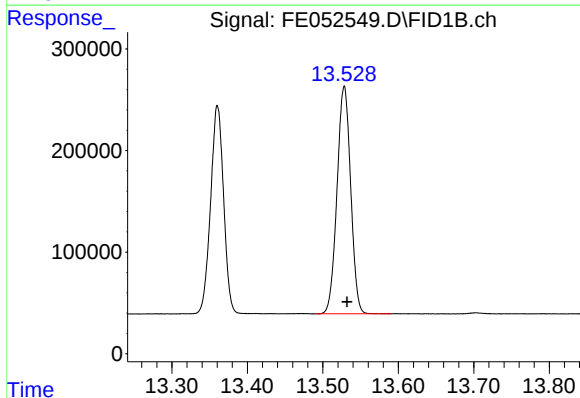
R.T.: 11.915 min
Delta R.T.: -0.001 min
Response: 3265823
Conc: 17.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



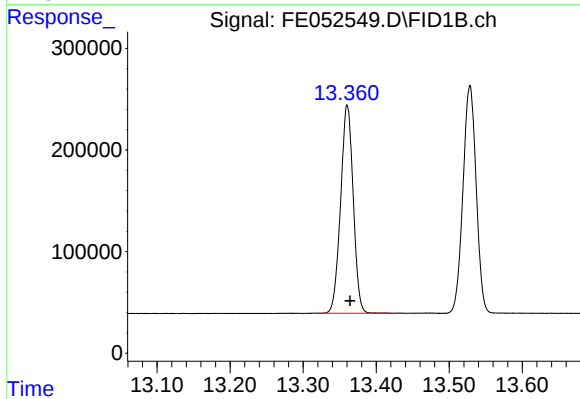
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.004 min
Response: 2864689
Conc: 17.97 ug/ml



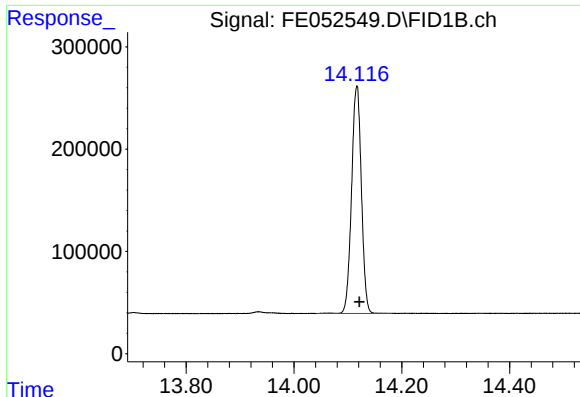
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.004 min
Response: 2814513
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

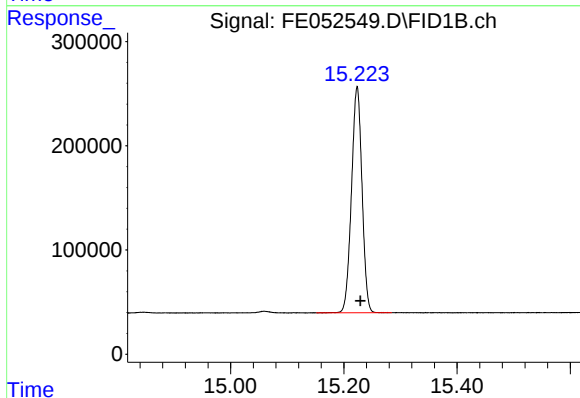
R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 2456966
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

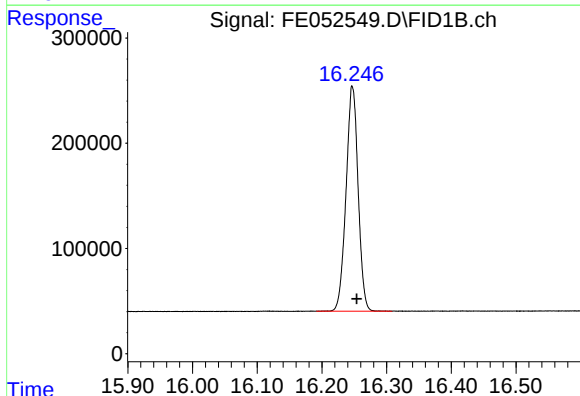
R.T.: 14.116 min
Delta R.T.: -0.005 min
Response: 2802725
Conc: 17.91 ug/ml

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20 PPM ALIPHATIC HC STD



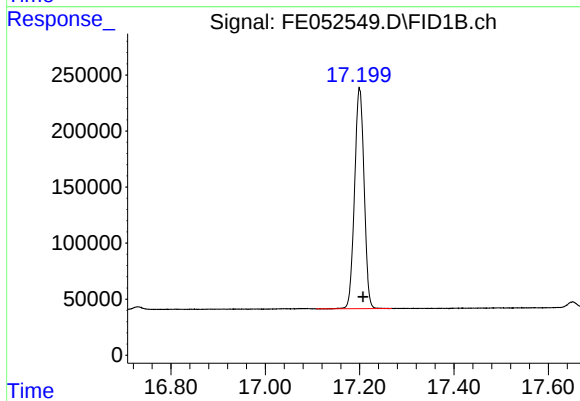
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.006 min
Response: 2798298
Conc: 17.79 ug/ml



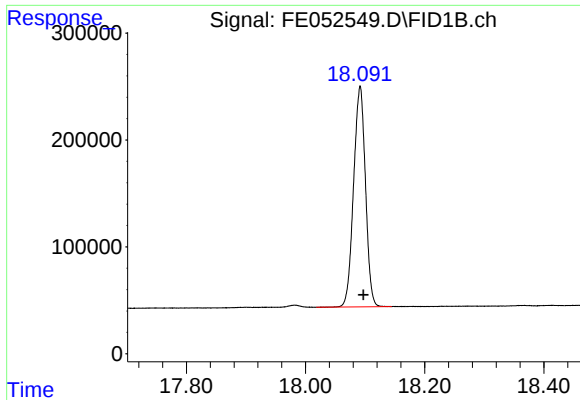
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.006 min
Response: 2774212
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

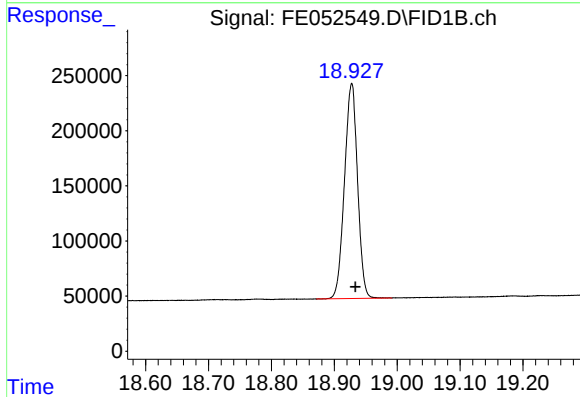
R.T.: 17.200 min
Delta R.T.: -0.008 min
Response: 2761775
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

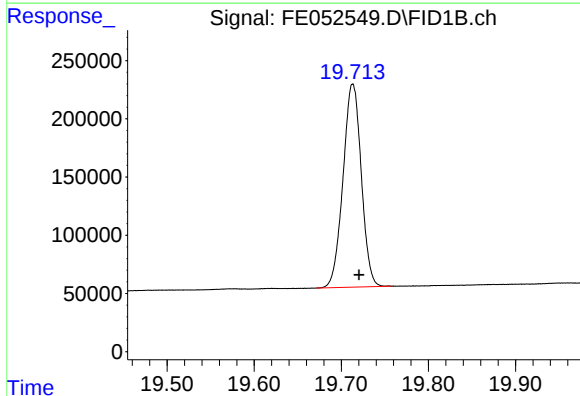
R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 2850036
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
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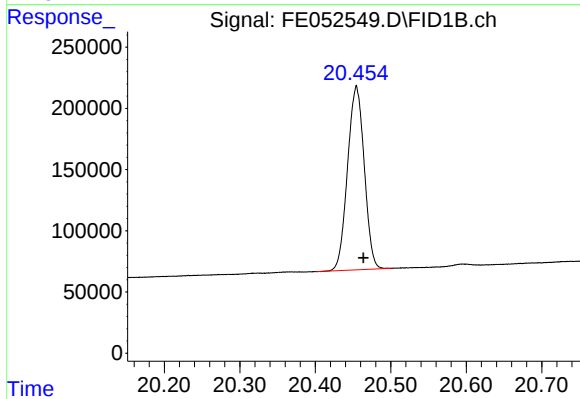
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 2813533
Conc: 18.39 ug/ml



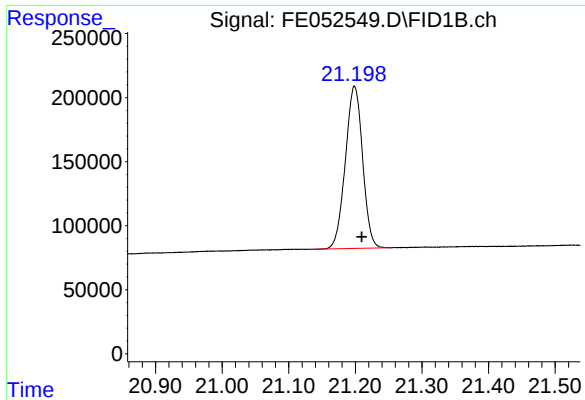
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.007 min
Response: 2541788
Conc: 17.87 ug/ml



#20 n-Hexatriacontane (C36)

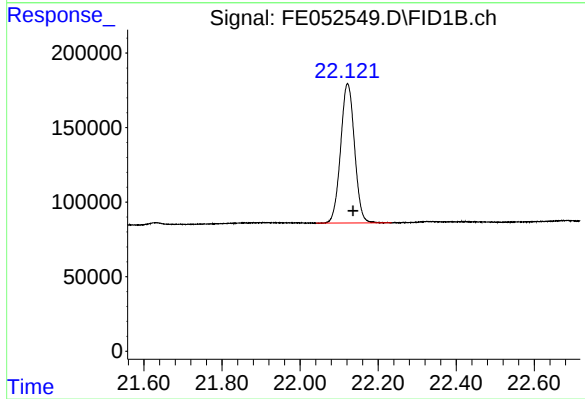
R.T.: 20.454 min
Delta R.T.: -0.009 min
Response: 2303585
Conc: 18.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.011 min
Response: 2275089
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.014 min
Response: 2314126
Conc: 23.01 ug/ml