

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050523AL\
 Data File : FE041774.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2023 00:34
 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: May 06 01:29:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.971	3371313	17.970 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
12) S 1-chlorooctadecane (S...	13.406	2485324	17.593 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T n-Nonane (C9)	3.350	2685511	18.269 ug/ml
2) T n-Decane (C10)	4.604	2780157	18.537 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3057779	18.477 ug/ml
4) T n-Dodecane (C12)	6.772	2804881	18.448 ug/ml
5) T A~2-methylnaphthalene...	7.406	2979615	18.479 ug/ml
6) T n-Tetradecane (C14)	8.600	2808353	18.488 ug/ml
7) T n-Hexadecane (C16)	10.208	2928676	18.352 ug/ml
8) T n-Octadecane (C18)	11.652	2983069	18.199 ug/ml
10) T n-Eicosane (C20)	12.961	2873621	17.866 ug/ml
11) T n-Heneicosane (C21)	13.573	2820690	17.699 ug/ml
13) T n-Docosane (C22)	14.159	2816048	17.674 ug/ml
14) T n-Tetracosane (C24)	15.263	2820426	17.494 ug/ml
15) T n-Hexacosane (C26)	16.283	2742677	17.348 ug/ml
16) T n-Octacosane (C28)	17.233	2704332	17.575 ug/ml
17) T n-Tricontane (C30)	18.120	2802052	18.398 ug/ml
18) T n-Dotriacontane (C32)	18.953	2752290	18.474 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2595586	18.425 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2482961	18.567 ug/ml
21) T n-Octatriacontane (C38)	21.226	2485708	18.812 ug/ml
22) T n-Tetracontane (C40)	22.163	2455116	19.391 ug/ml

(f)=RT Delta > 1/2 Window

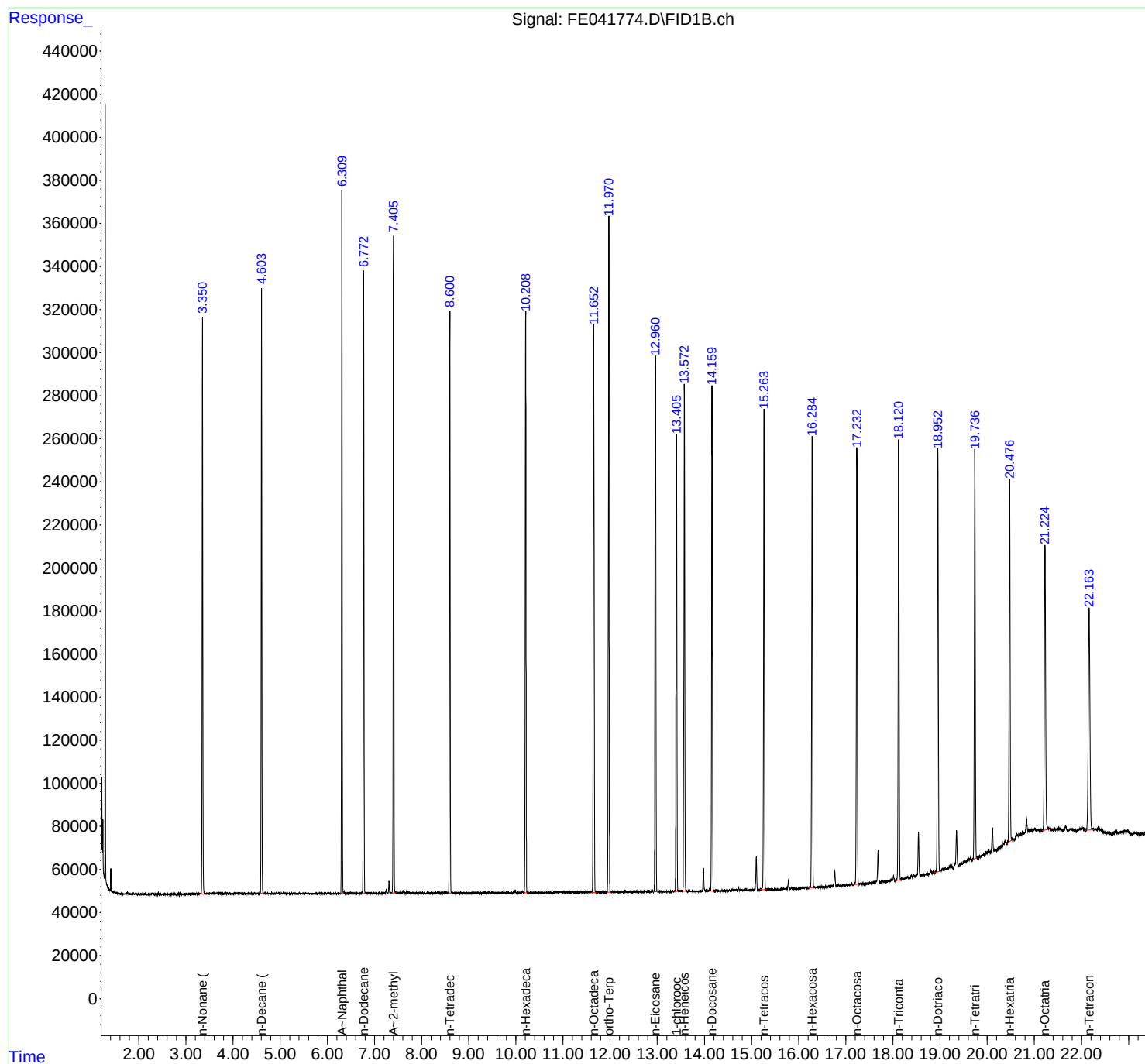
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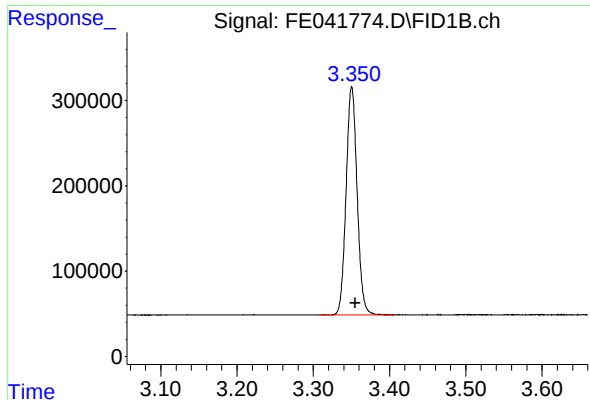
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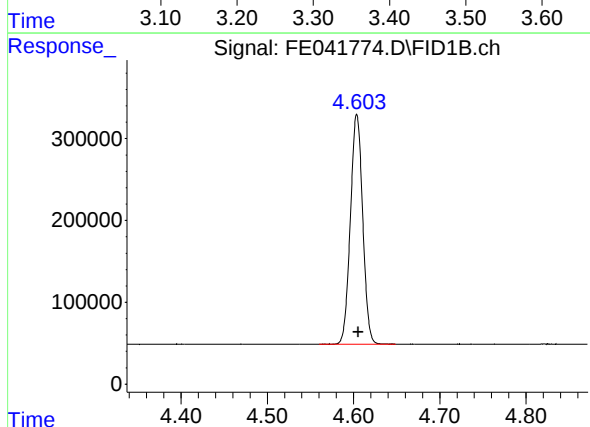




#1 n-Nonane (C9)

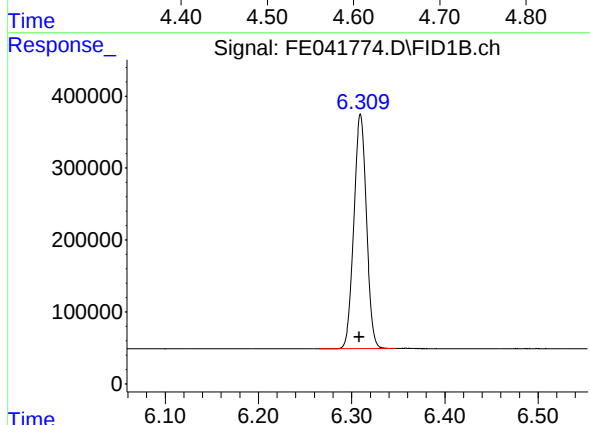
R.T.: 3.350 min
Delta R.T.: -0.005 min
Response: 2685511
Conc: 18.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



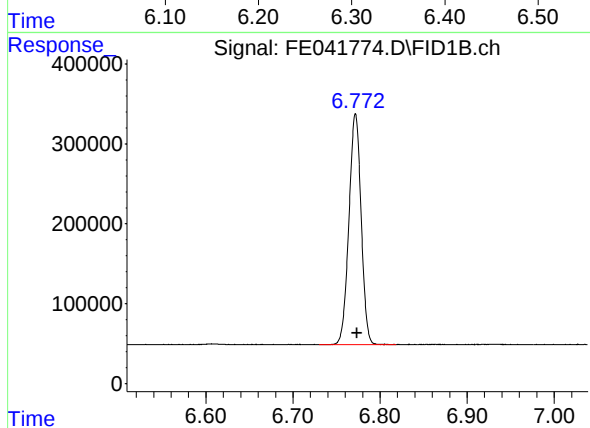
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2780157
Conc: 18.54 ug/ml



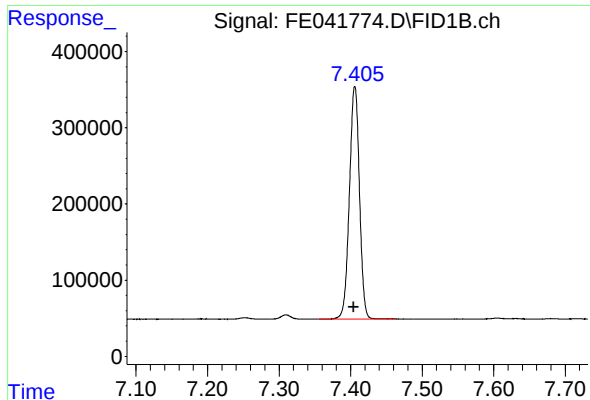
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.001 min
Response: 3057779
Conc: 18.48 ug/ml



#4 n-Dodecane (C12)

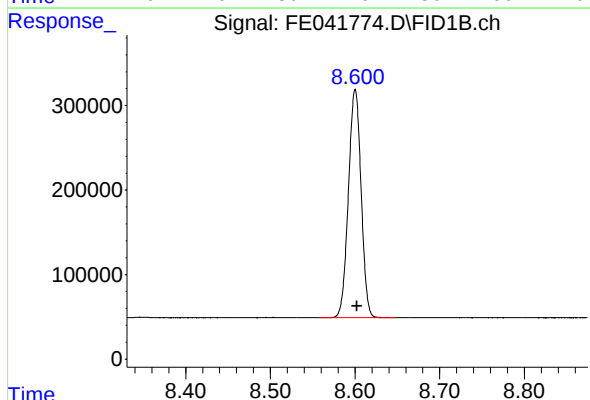
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 2804881
Conc: 18.45 ug/ml



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

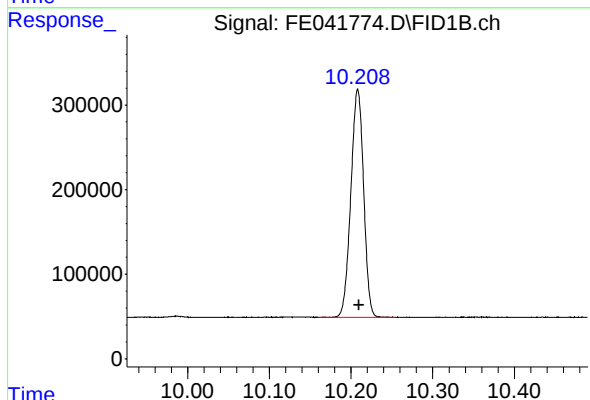
R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 2979615
Conc: 18.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



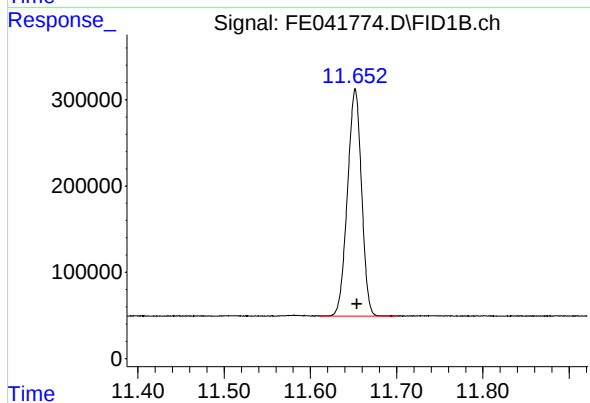
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 2808353
Conc: 18.49 ug/ml



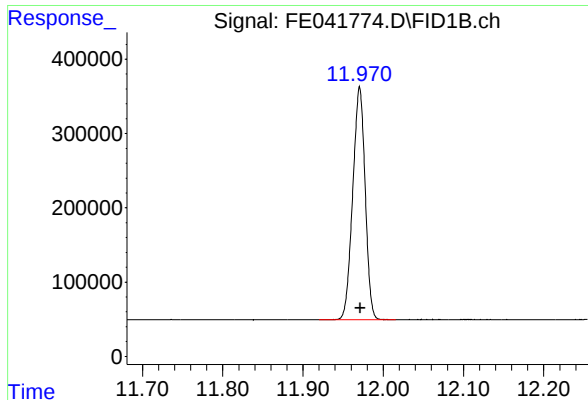
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 2928676
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

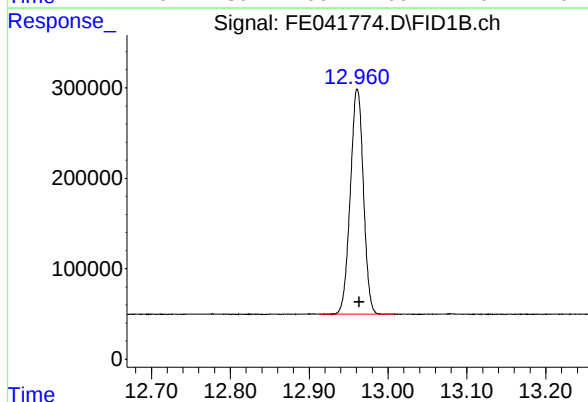
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 2983069
Conc: 18.20 ug/ml



#9 ortho-Terphenyl (SURR)

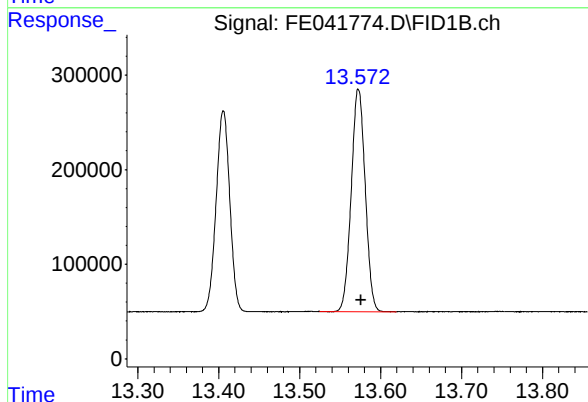
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3371313
Conc: 17.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



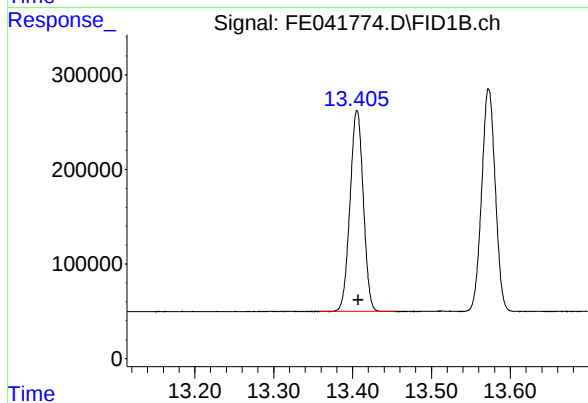
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.003 min
Response: 2873621
Conc: 17.87 ug/ml



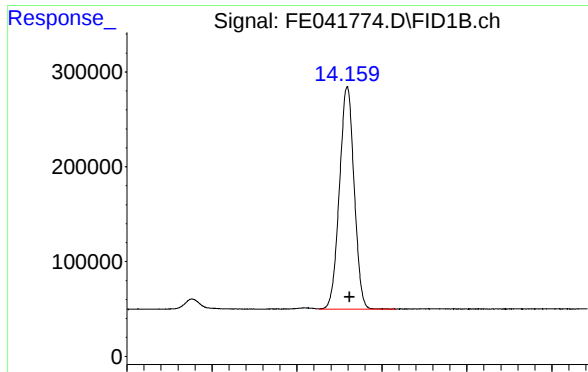
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.003 min
Response: 2820690
Conc: 17.70 ug/ml



#12 1-chlorooctadecane (SURR)

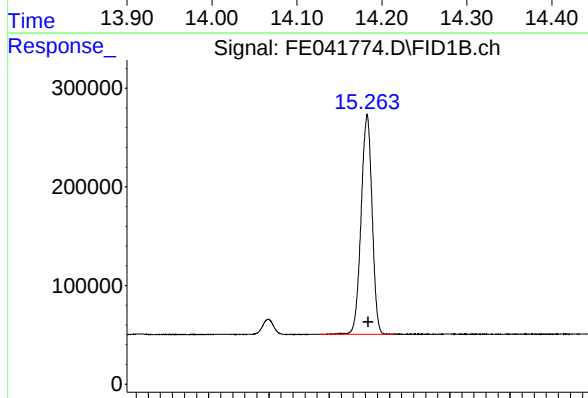
R.T.: 13.406 min
Delta R.T.: -0.002 min
Response: 2485324
Conc: 17.59 ug/ml



#13 n-Docosane (C22)

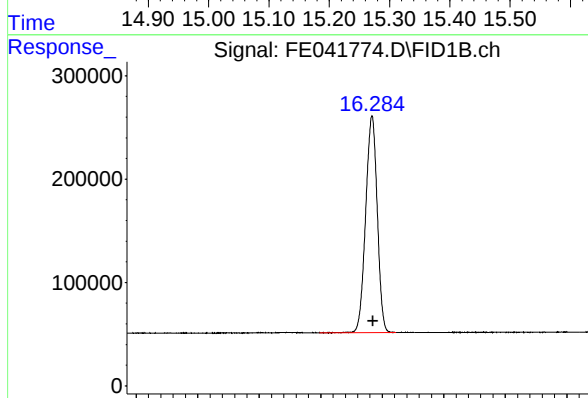
R.T.: 14.159 min
Delta R.T.: -0.003 min
Response: 2816048
Conc: 17.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



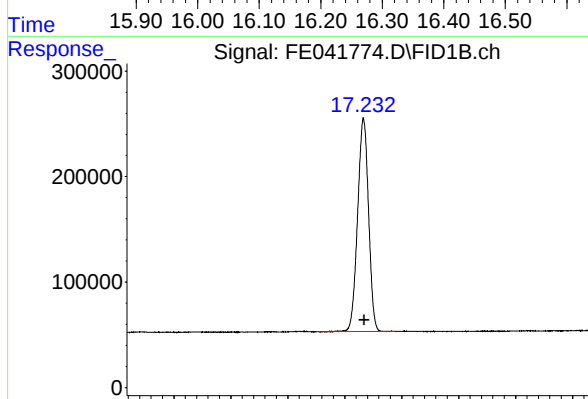
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 2820426
Conc: 17.49 ug/ml



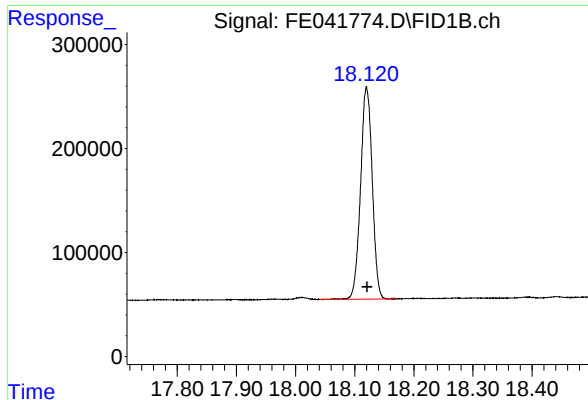
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.001 min
Response: 2742677
Conc: 17.35 ug/ml



#16 n-Octacosane (C28)

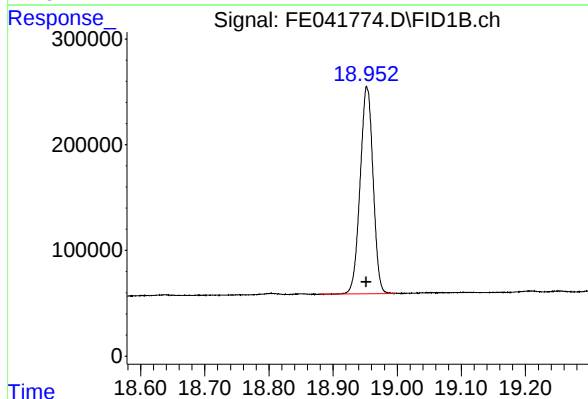
R.T.: 17.233 min
Delta R.T.: -0.001 min
Response: 2704332
Conc: 17.58 ug/ml



#17 n-Tricontane (C30)

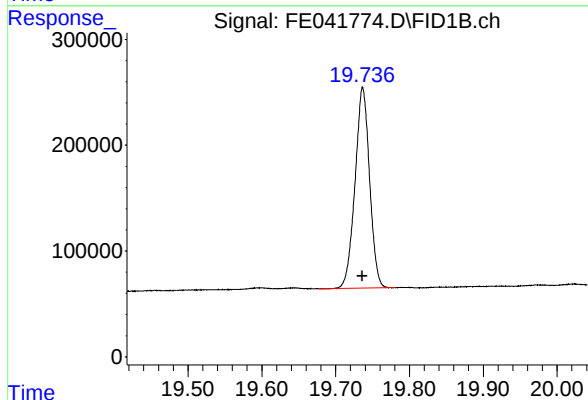
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 2802052
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



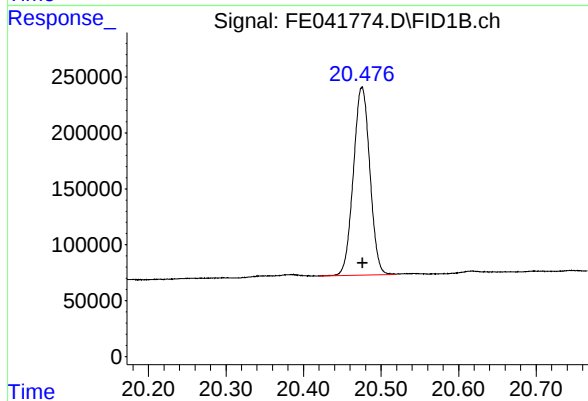
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 2752290
Conc: 18.47 ug/ml



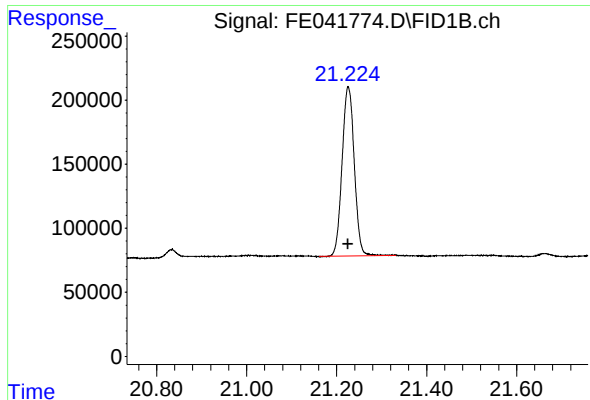
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.000 min
Response: 2595586
Conc: 18.42 ug/ml



#20 n-Hexatriacontane (C36)

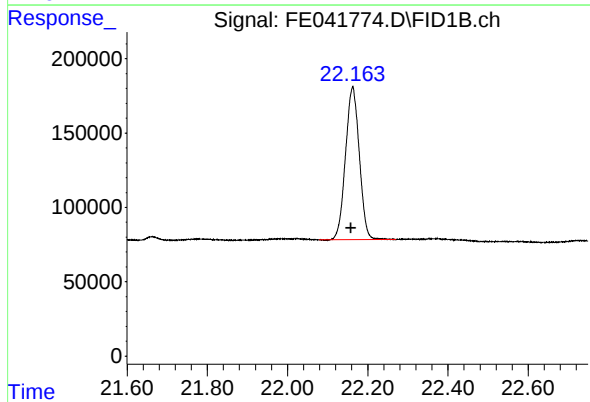
R.T.: 20.475 min
Delta R.T.: 0.000 min
Response: 2482961
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.000 min
Response: 2485708
Conc: 18.81 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.004 min
Response: 2455116
Conc: 19.39 ug/ml