

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050880.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 12:02
 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: Oct 30 04:48:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.859	3014630	19.122 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	13.292	2297118	19.419 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.248	2688774	19.030 ug/ml
2) T n-Decane (C10)	4.498	2785963	19.418 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2722186	19.038 ug/ml
4) T n-Dodecane (C12)	6.665	2817828	19.577 ug/ml
5) T A~2-methylnaphthalene...	7.306	2503997	18.901 ug/ml
6) T n-Tetradecane (C14)	8.492	2782938	19.452 ug/ml
7) T n-Hexadecane (C16)	10.097	2865256	19.469 ug/ml
8) T n-Octadecane (C18)	11.539	2887082	19.328 ug/ml
10) T n-Eicosane (C20)	12.847	2761727	19.259 ug/ml
11) T n-Heneicosane (C21)	13.457	2703258	19.249 ug/ml
13) T n-Docosane (C22)	14.042	2684198	19.132 ug/ml
14) T n-Tetracosane (C24)	15.144	2699405	19.107 ug/ml
15) T n-Hexacosane (C26)	16.164	2747681	19.526 ug/ml
16) T n-Octacosane (C28)	17.112	2883174	19.703 ug/ml
17) T n-Tricontane (C30)	17.999	3183481	20.022 ug/ml
18) T n-Dotriacontane (C32)	18.830	3332850	20.559 ug/ml
19) T n-Tetratriacontane (C34)	19.614	3042570	20.713 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2562633	20.208 ug/ml
21) T n-Octatriacontane (C38)	21.078	2284830	18.479 ug/ml
22) T n-Tetracontane (C40)	21.964	1928033	17.315 ug/ml

(f)=RT Delta > 1/2 Window

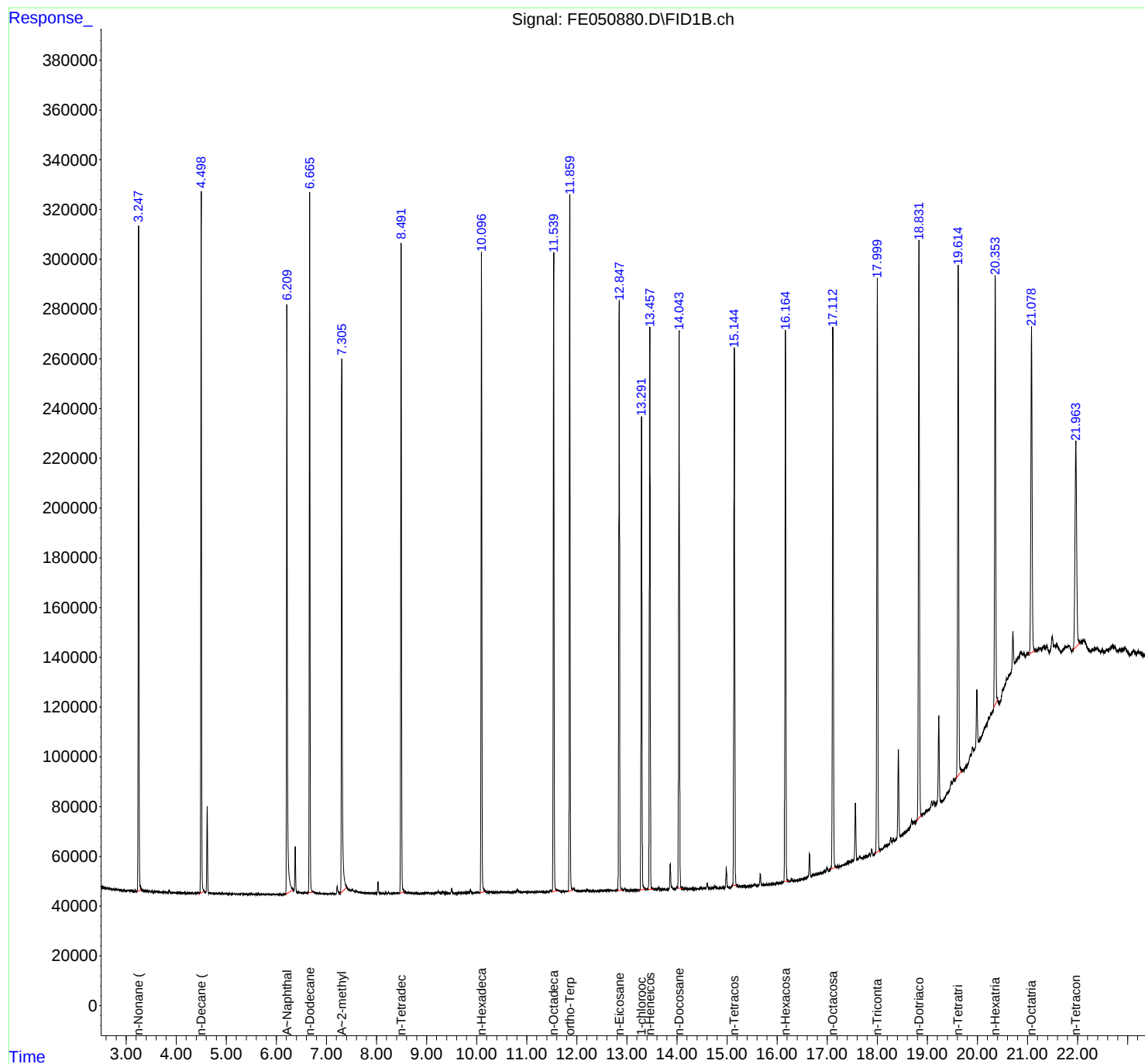
(m)=manual int.

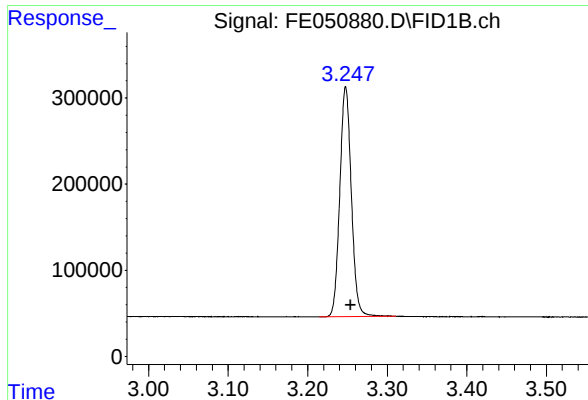
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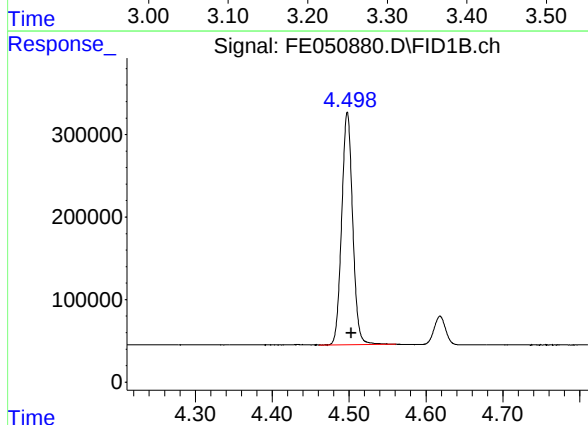




#1 n-Nonane (C9)

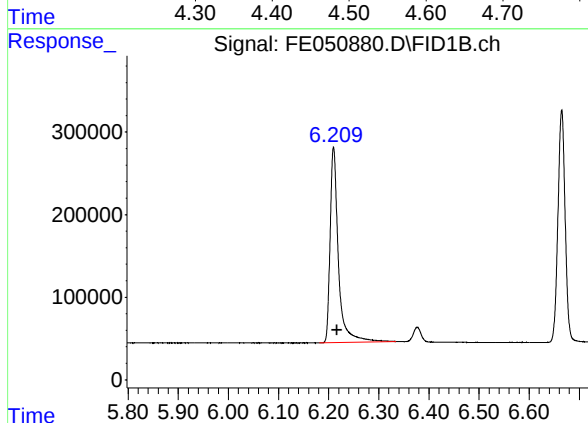
R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 2688774
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



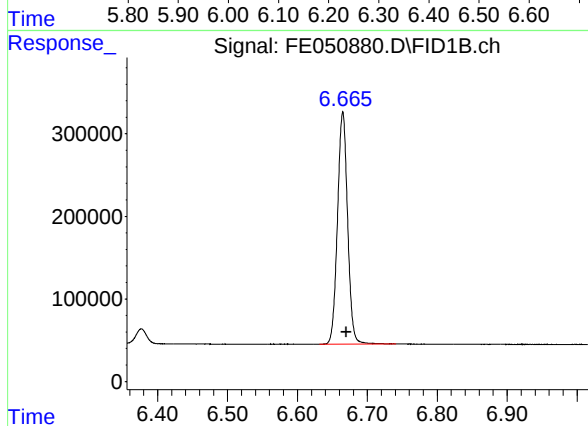
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 2785963
Conc: 19.42 ug/ml



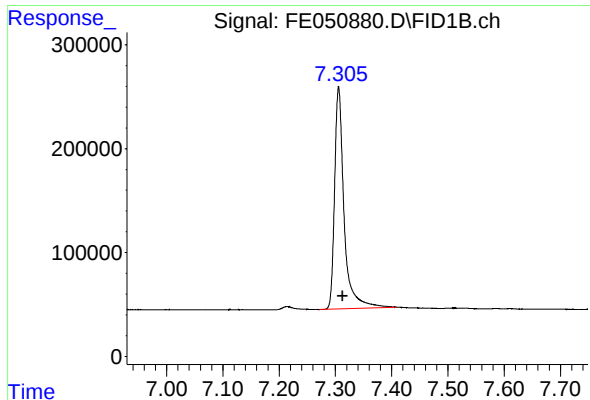
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.006 min
Response: 2722186
Conc: 19.04 ug/ml



#4 n-Dodecane (C12)

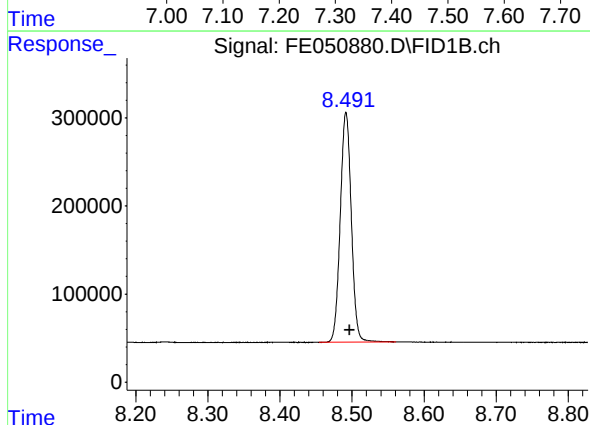
R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 2817828
Conc: 19.58 ug/ml



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

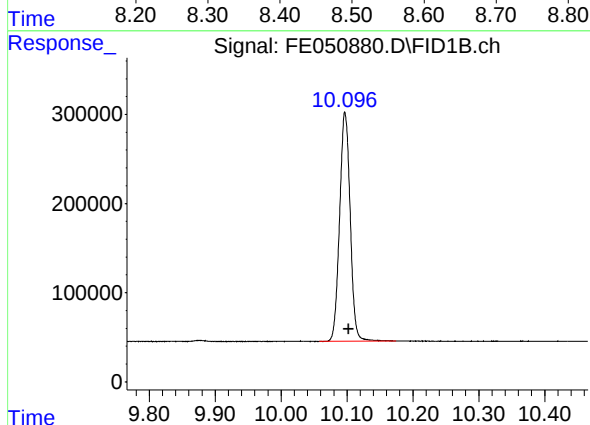
R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 2503997
Conc: 18.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



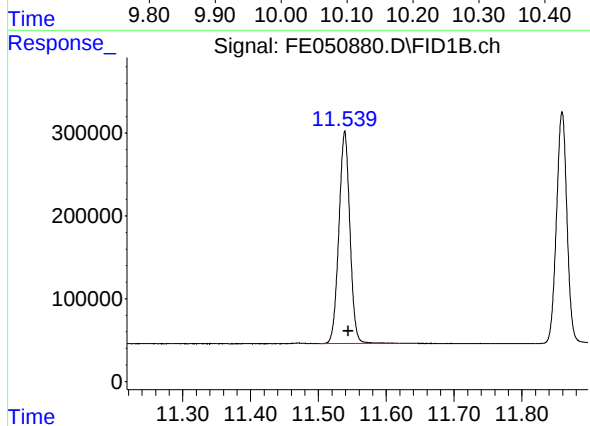
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.005 min
Response: 2782938
Conc: 19.45 ug/ml



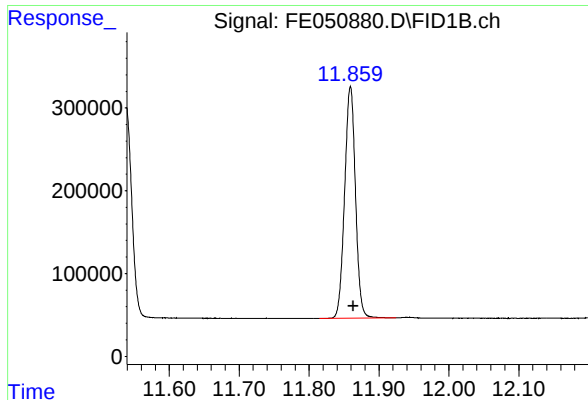
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 2865256
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

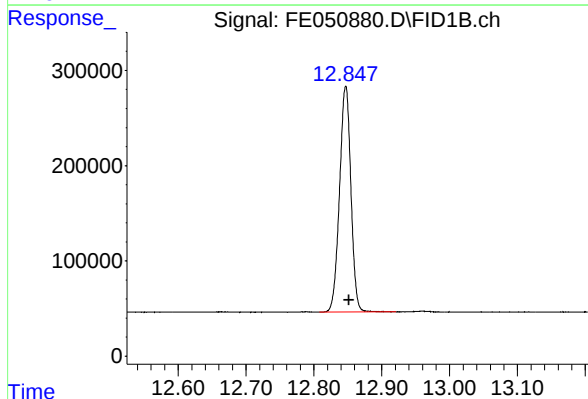
R.T.: 11.539 min
Delta R.T.: -0.005 min
Response: 2887082
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

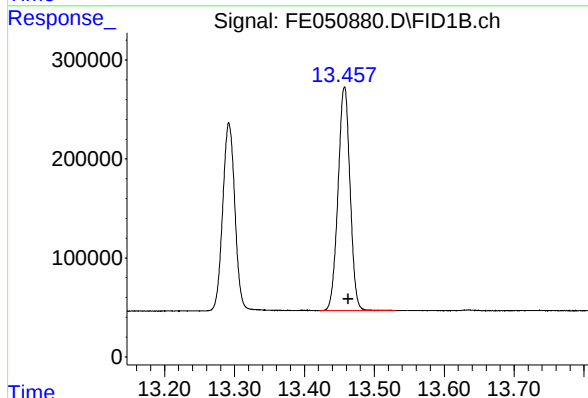
R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 3014630
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



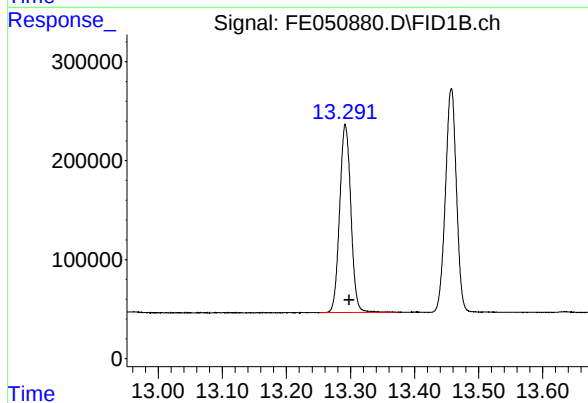
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.005 min
Response: 2761727
Conc: 19.26 ug/ml



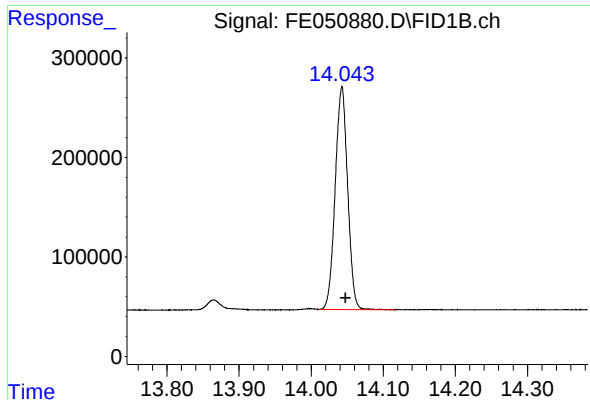
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.005 min
Response: 2703258
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

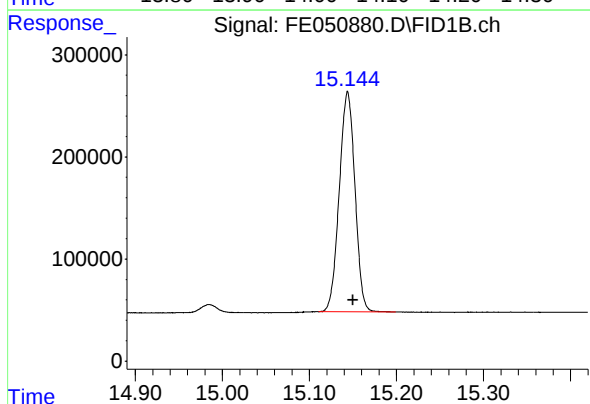
R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 2297118
Conc: 19.42 ug/ml



#13 n-Docosane (C22)

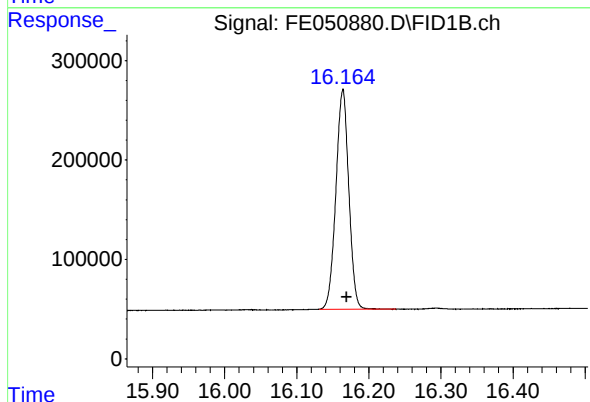
R.T.: 14.042 min
Delta R.T.: -0.005 min
Response: 2684198
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



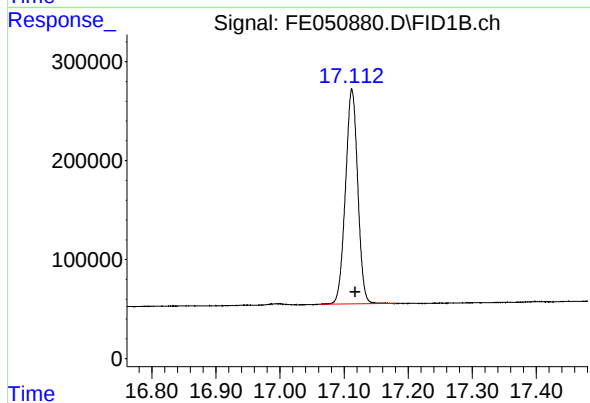
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.006 min
Response: 2699405
Conc: 19.11 ug/ml



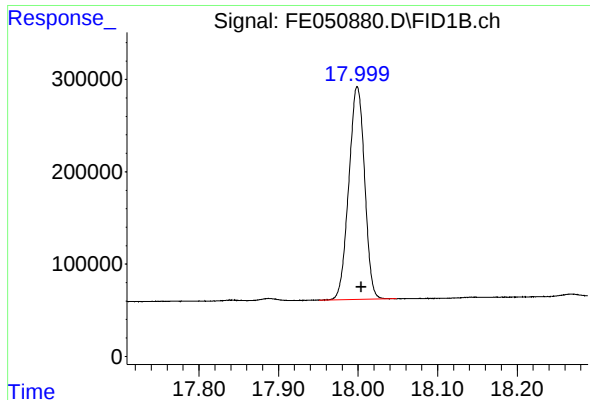
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.006 min
Response: 2747681
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

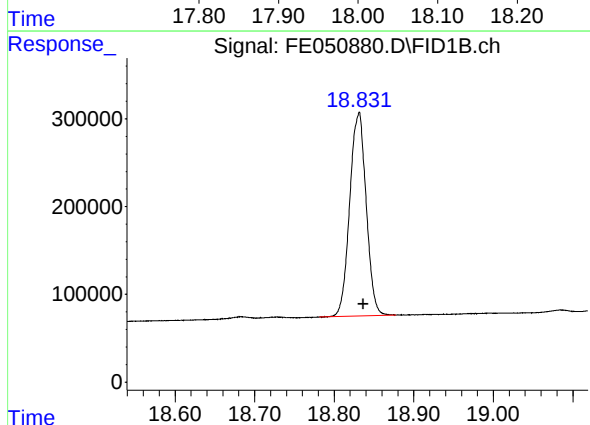
R.T.: 17.112 min
Delta R.T.: -0.005 min
Response: 2883174
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

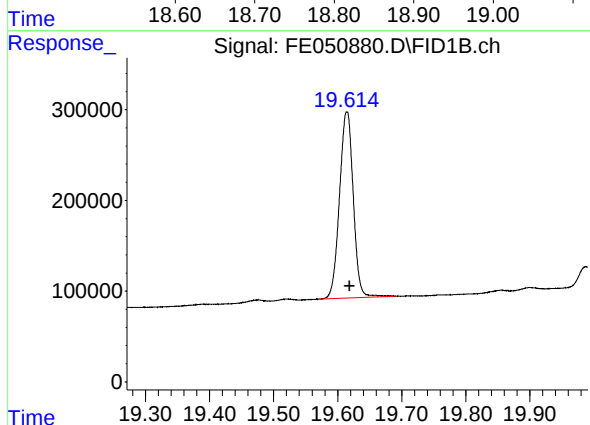
R.T.: 17.999 min
Delta R.T.: -0.005 min
Response: 3183481
Conc: 20.02 ug/ml

Instrument :
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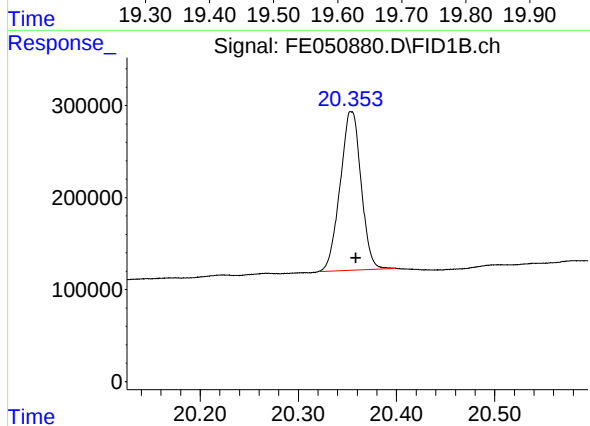
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.006 min
Response: 3332850
Conc: 20.56 ug/ml



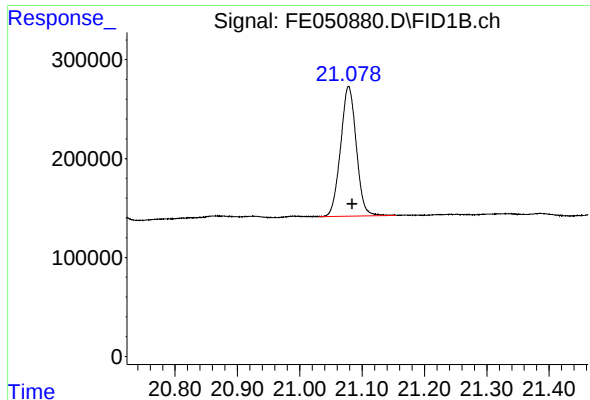
#19 n-Tetatriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.004 min
Response: 3042570
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

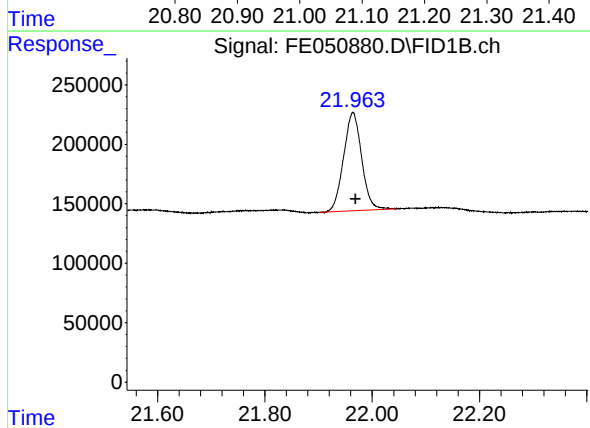
R.T.: 20.354 min
Delta R.T.: -0.004 min
Response: 2562633
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.006 min
Response: 2284830
Conc: 18.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.005 min
Response: 1928033
Conc: 17.31 ug/ml