

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044727.D
 Signal(s) : FID2B.ch
 Acq On : 25 Dec 2022 01:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 25 17:29:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:54:40 2022
 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)	11.547	3086455	19.103 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.972	2332466	19.032 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T n-Nonane (C9)	3.379	2918191	19.445 ug/ml
2) T n-Decane (C10)	4.436	2856763	19.349 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3255244	19.316 ug/ml
4) T n-Dodecane (C12)	6.435	2852294	19.248 ug/ml
5) T A~2-methylnaphthalene...	7.052	3047260	19.229 ug/ml
6) T n-Tetradecane (C14)	8.216	2830272	19.138 ug/ml
7) T n-Hexadecane (C16)	9.803	2849088	19.041 ug/ml
8) T n-Octadecane (C18)	11.233	2828723	18.922 ug/ml
10) T n-Eicosane (C20)	12.532	2714819	18.844 ug/ml
11) T n-Heneicosane (C21)	13.139	2716298	18.964 ug/ml
13) T n-Docosane (C22)	13.720	2674719	18.508 ug/ml
14) T n-Tetracosane (C24)	14.814	2641821	17.924 ug/ml
15) T n-Hexacosane (C26)	15.826	2590855	17.532 ug/ml
16) T n-Octacosane (C28)	16.767	2561353	17.137 ug/ml
17) T n-Tricontane (C30)	17.646	2537549	17.157 ug/ml
18) T n-Dotriacontane (C32)	18.471	2553847	17.387 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2516755	18.034 ug/ml
20) T n-Hexatriacontane (C36)	19.978	2419932	18.390 ug/ml
21) T n-Octatriacontane (C38)	20.688	2401631	18.663 ug/ml
22) T n-Tetracontane (C40)	21.547	2391008	18.764 ug/ml

(f)=RT Delta > 1/2 Window

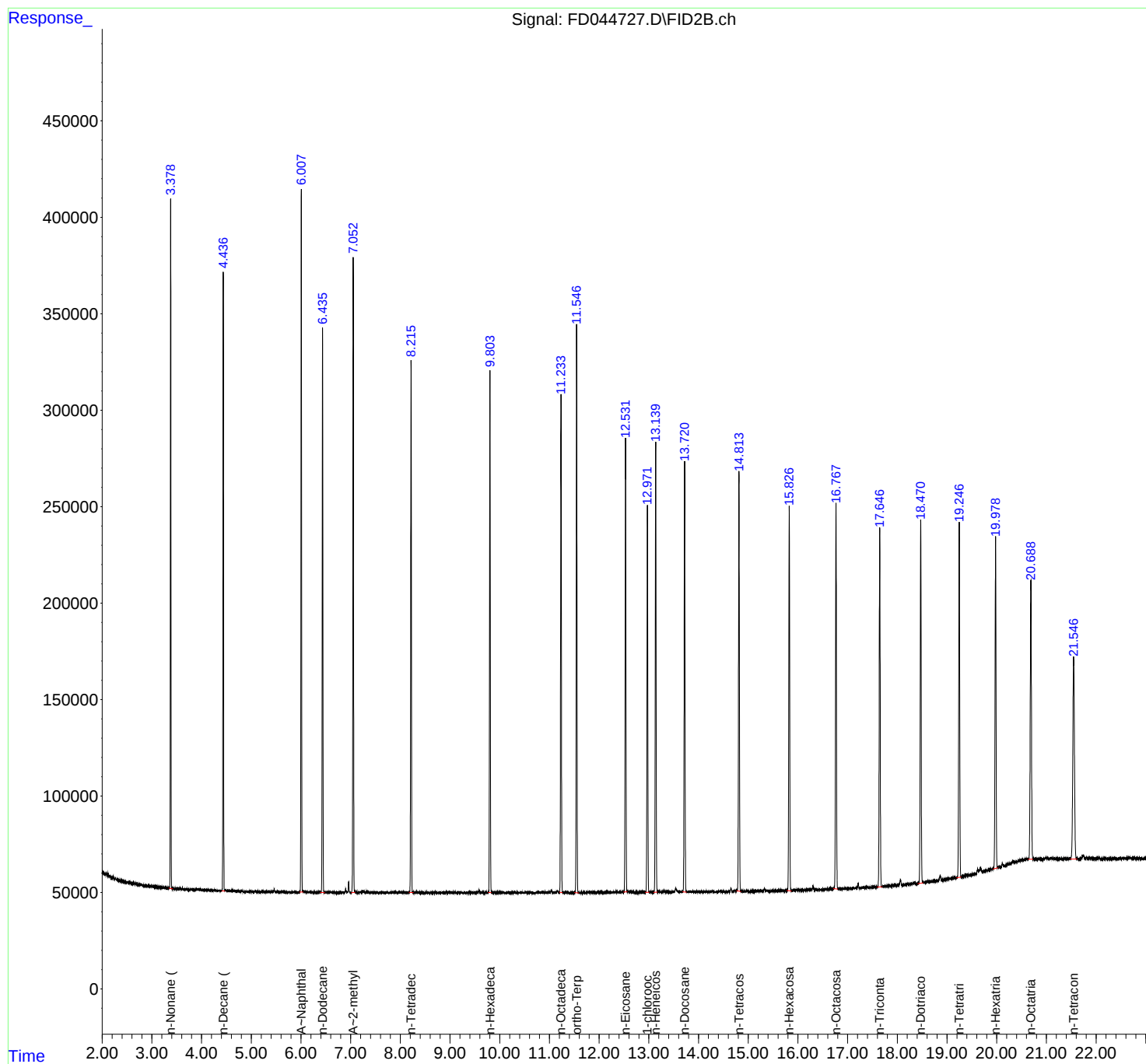
(m)=manual int.

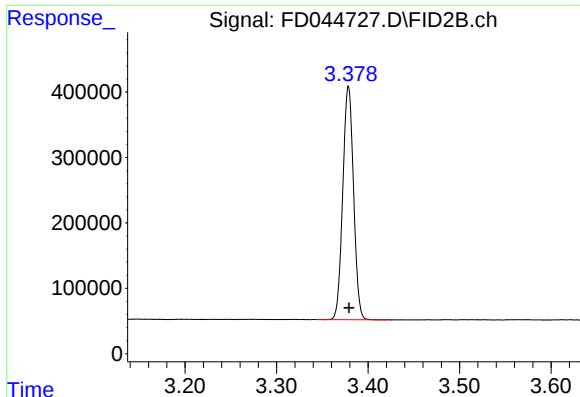
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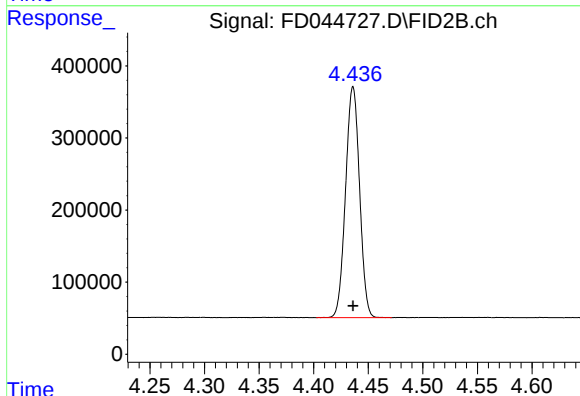




#1 n-Nonane (C9)

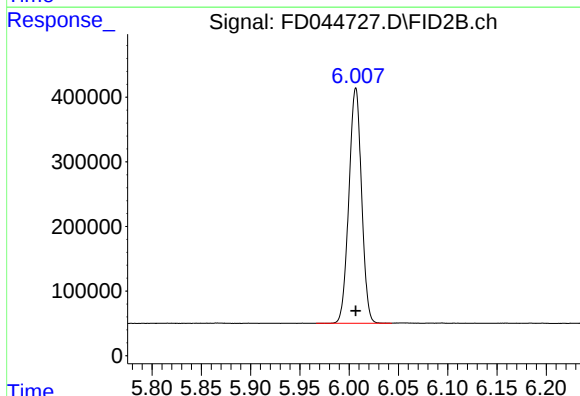
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2918191
Conc: 19.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



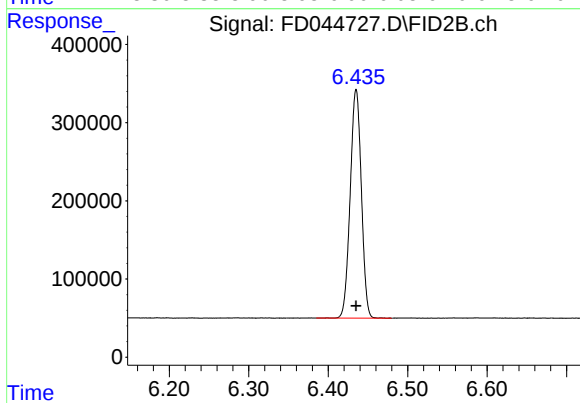
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 2856763
Conc: 19.35 ug/ml



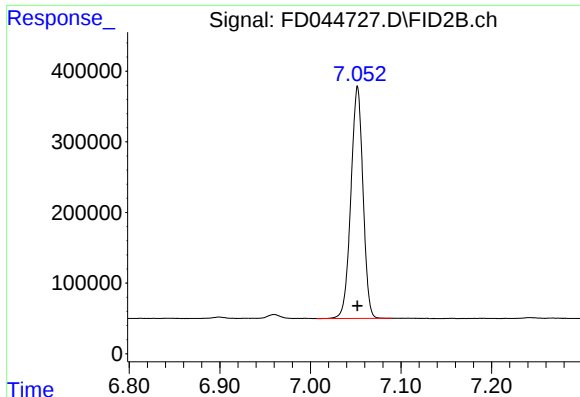
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 3255244
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

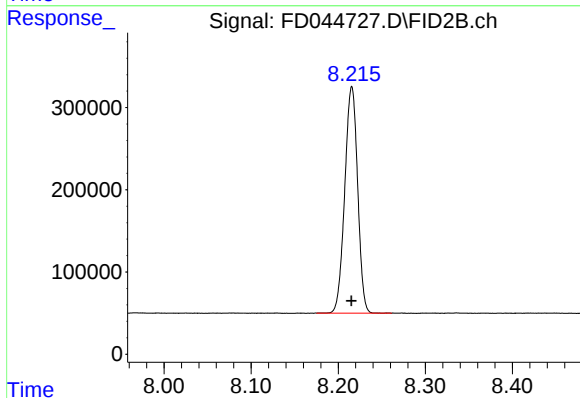
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 2852294
Conc: 19.25 ug/ml



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

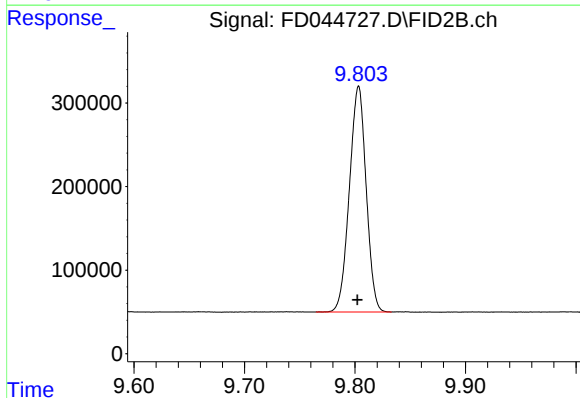
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 3047260
Conc: 19.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



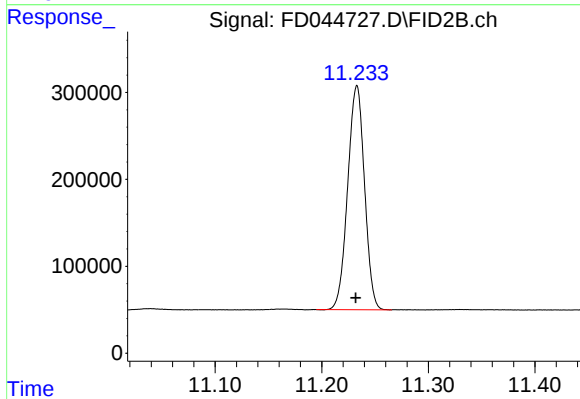
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 2830272
Conc: 19.14 ug/ml



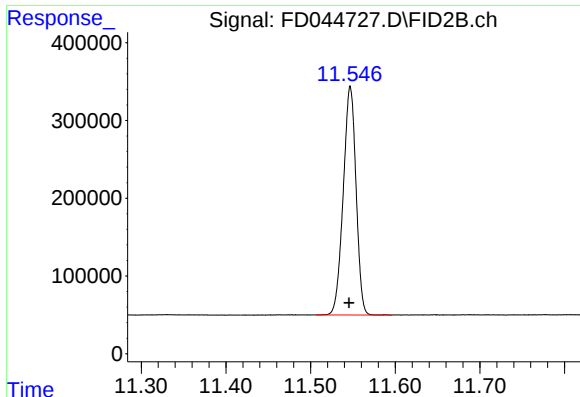
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2849088
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

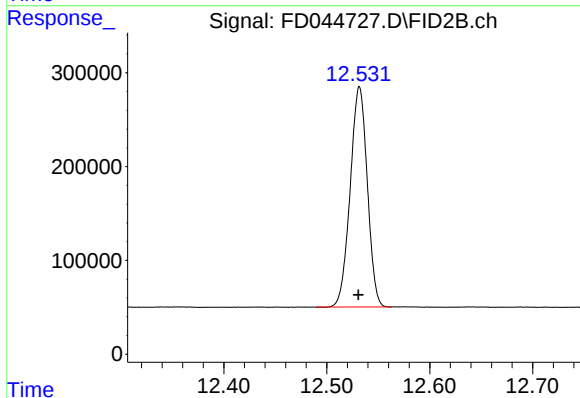
R.T.: 11.233 min
Delta R.T.: 0.001 min
Response: 2828723
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

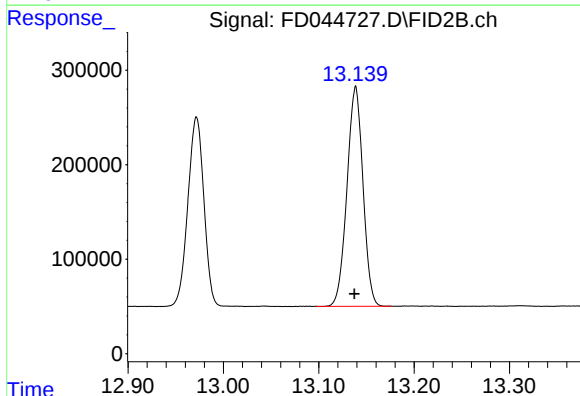
R.T.: 11.547 min
Delta R.T.: 0.002 min
Response: 3086455
Conc: 19.10 ug/ml

Instrument :
FID_D
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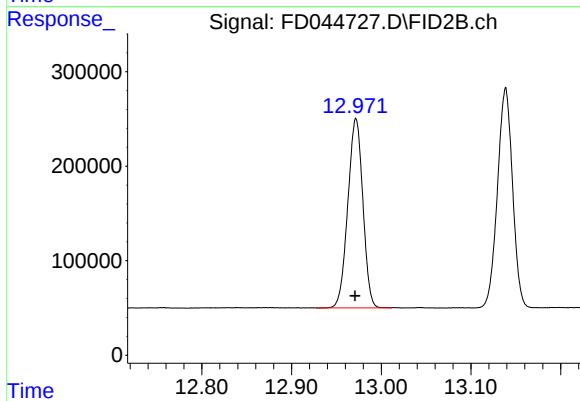
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 2714819
Conc: 18.84 ug/ml



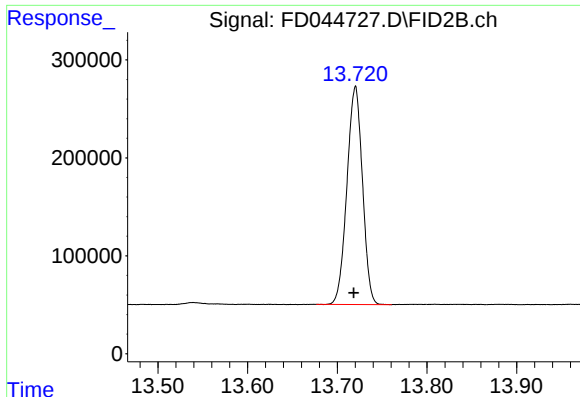
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.001 min
Response: 2716298
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

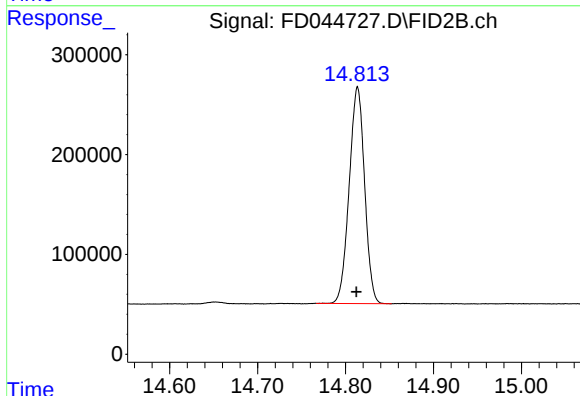
R.T.: 12.972 min
Delta R.T.: 0.001 min
Response: 2332466
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

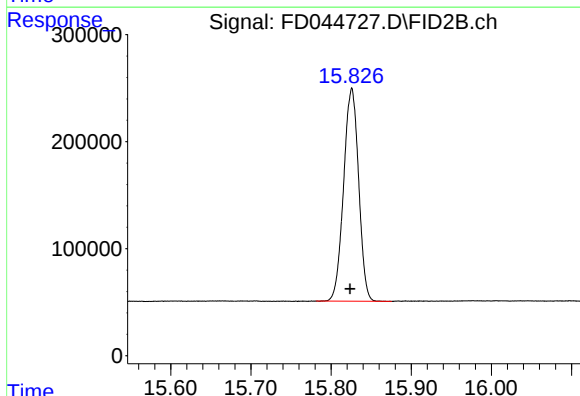
R.T.: 13.720 min
Delta R.T.: 0.002 min
Response: 2674719
Conc: 18.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



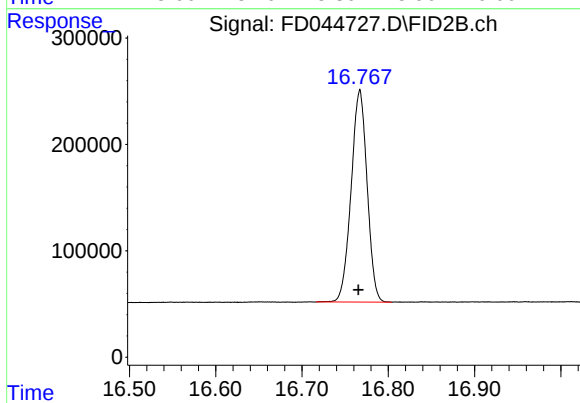
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.001 min
Response: 2641821
Conc: 17.92 ug/ml



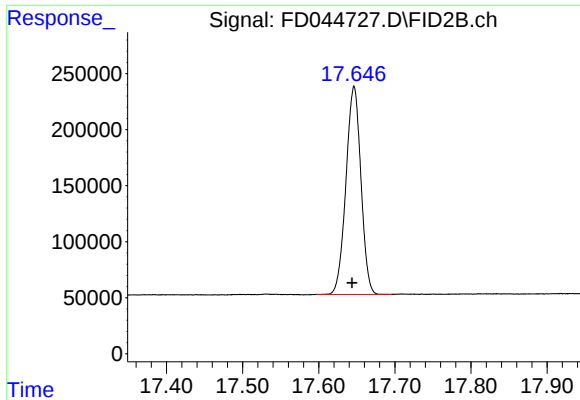
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: 0.002 min
Response: 2590855
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

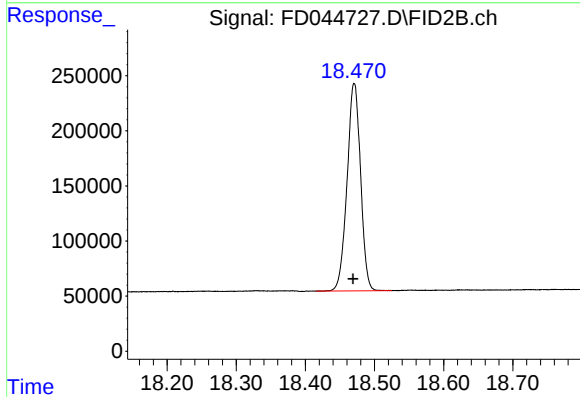
R.T.: 16.767 min
Delta R.T.: 0.002 min
Response: 2561353
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

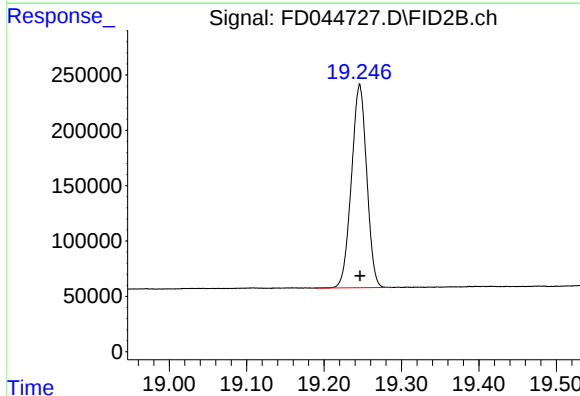
R.T.: 17.646 min
Delta R.T.: 0.003 min
Response: 2537549
Conc: 17.16 ug/ml

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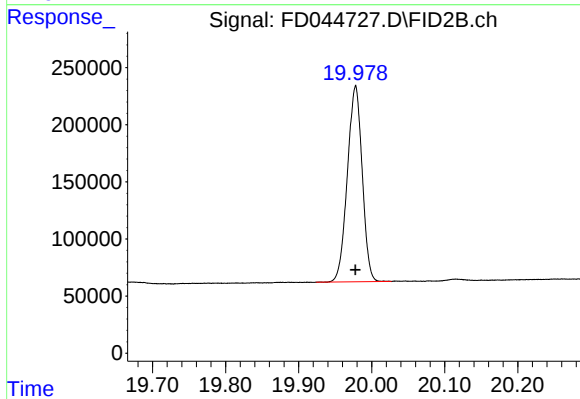
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.002 min
Response: 2553847
Conc: 17.39 ug/ml



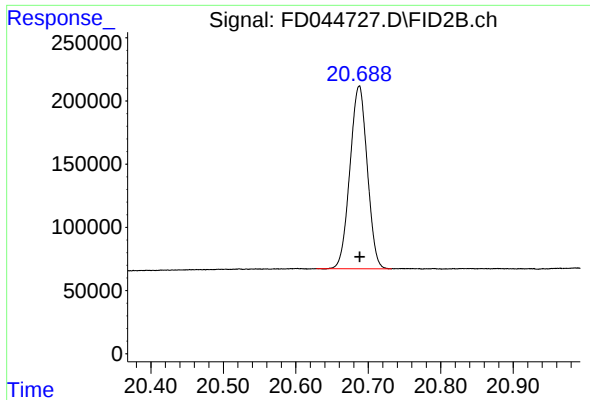
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 2516755
Conc: 18.03 ug/ml



#20 n-Hexatriacontane (C36)

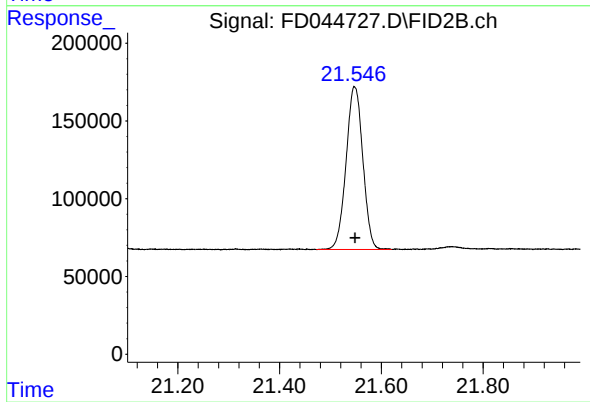
R.T.: 19.978 min
Delta R.T.: 0.000 min
Response: 2419932
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: 0.000 min
Response: 2401631
Conc: 18.66 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: -0.001 min
Response: 2391008
Conc: 18.76 ug/ml