

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010480.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 12:53
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: sample.E
 Quant Time: May 03 13:17:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 12:59:58 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)	10.852	729114	5.376 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	12.290	568121	5.283 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
Target Compounds			
1) T n-Nonane (C9)	2.716	624156	5.348 ug/ml
2) T n-Decane (C10)	3.723	616500	5.316 ug/ml
3) T A~Naphthalene (C11.7)	5.282	690240	5.260 ug/ml
4) T n-Dodecane (C12)	5.709	629922	5.311 ug/ml
5) T A~2-methylnaphthalene...	6.330	687318	5.162 ug/ml
6) T n-Tetradecane (C14)	7.499	622871	5.204 ug/ml
7) T n-Hexadecane (C16)	9.098	636128	5.215 ug/ml
8) T n-Octadecane (C18)	10.538	656166	5.289 ug/ml
10) T n-Eicosane (C20)	11.846	658430	5.315 ug/ml
11) T n-Heneicosane (C21)	12.457	664585	5.354 ug/ml
13) T n-Docosane (C22)	13.043	656602	5.315 ug/ml
14) T n-Tetracosane (C24)	14.145	648066	5.335 ug/ml
15) T n-Hexacosane (C26)	15.164	627760	5.350 ug/ml
16) T n-Octacosane (C28)	16.113	603318	5.363 ug/ml
17) T n-Tricontane (C30)	17.000	583803	5.450 ug/ml
18) T n-Dotriacontane (C32)	17.830	546314	5.422 ug/ml
19) T n-Tetratriacontane (C34)	18.611	487396	5.357 ug/ml
20) T n-Hexatriacontane (C36)	19.349	421726	5.068 ug/ml
21) T n-Octatriacontane (C38)	20.070	378748	5.110 ug/ml
22) T n-Tetracontane (C40)	20.945	395710	5.372 ug/ml

(f)=RT Delta > 1/2 Window

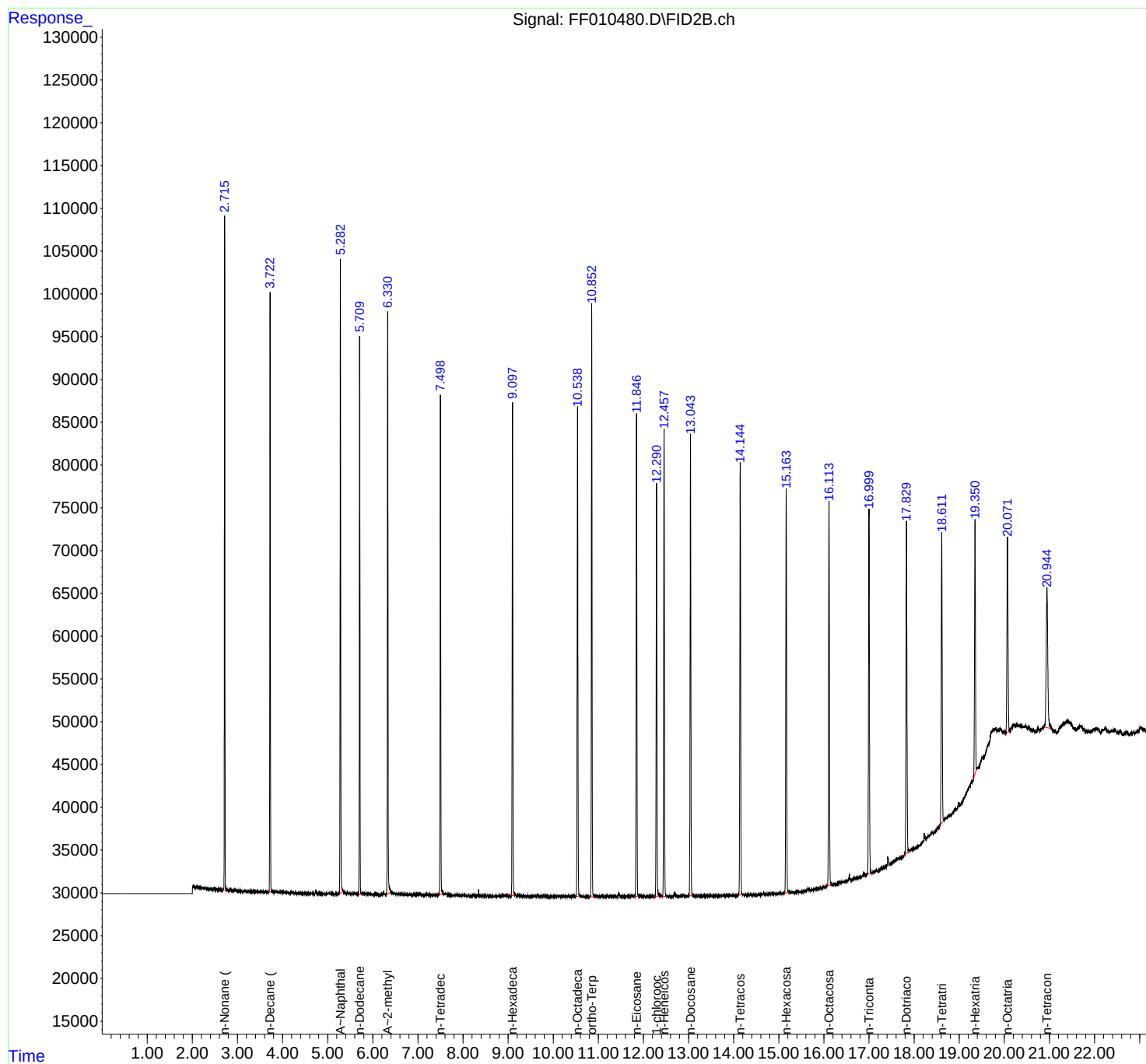
(m)=manual int.

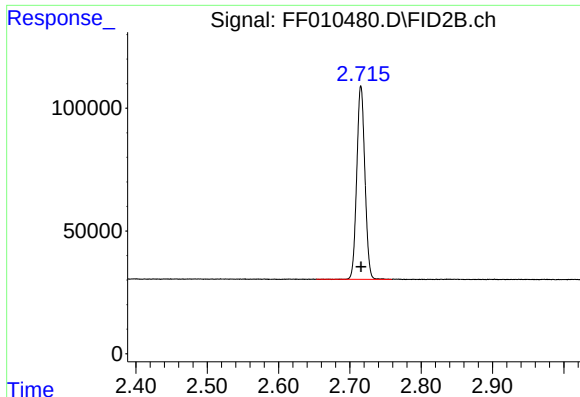
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
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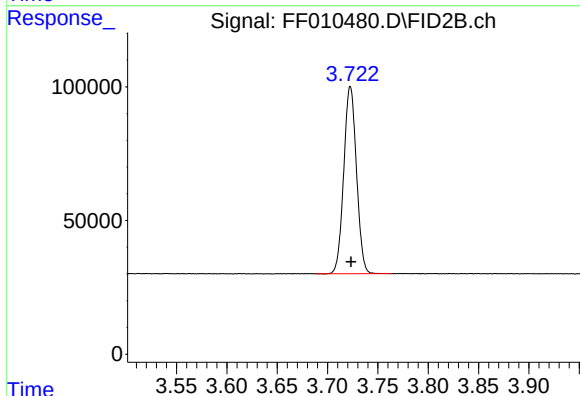




#1 n-Nonane (C9)

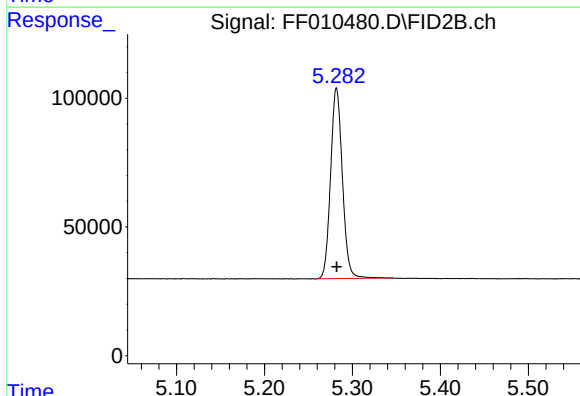
R.T.: 2.716 min
Delta R.T.: 0.000 min
Response: 624156
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



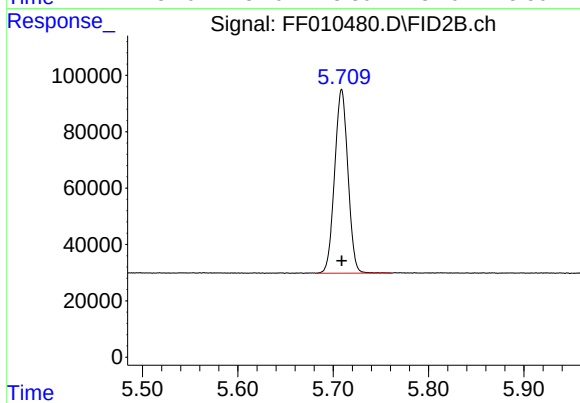
#2 n-Decane (C10)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 616500
Conc: 5.32 ug/ml



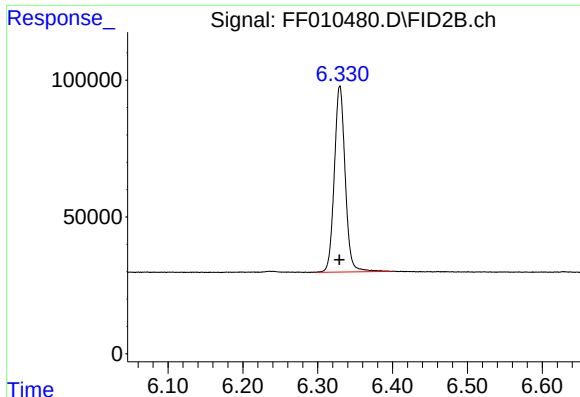
#3 A~Naphthalene (C11.7)

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 690240
Conc: 5.26 ug/ml



#4 n-Dodecane (C12)

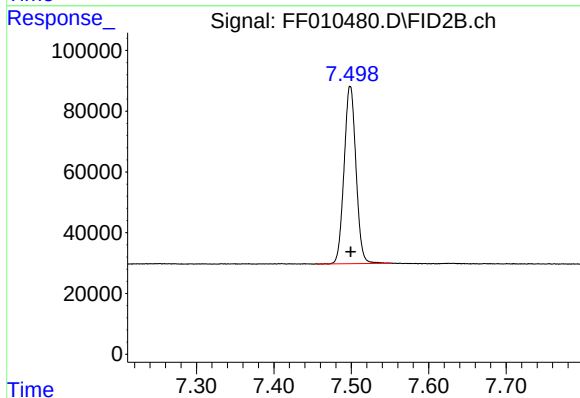
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 629922
Conc: 5.31 ug/ml



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

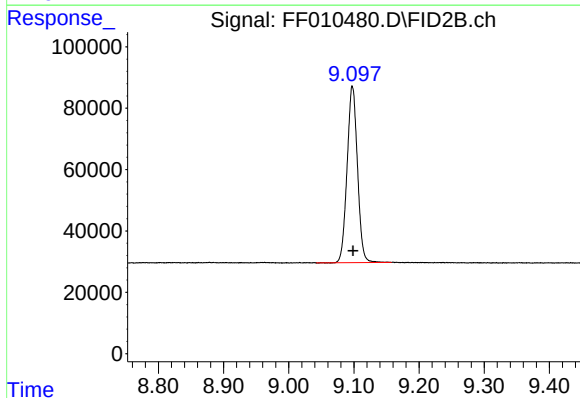
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 687318
Conc: 5.16 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



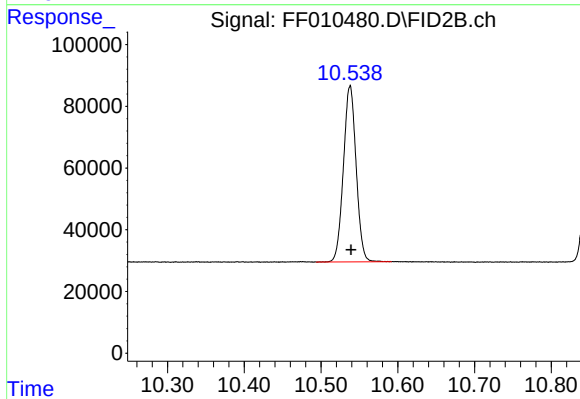
#6 n-Tetradecane (C14)

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 622871
Conc: 5.20 ug/ml



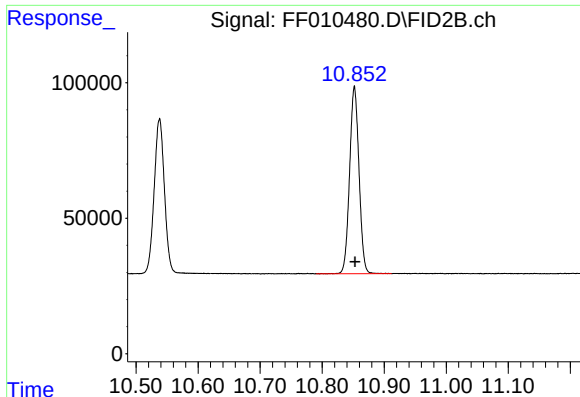
#7 n-Hexadecane (C16)

R.T.: 9.098 min
Delta R.T.: -0.001 min
Response: 636128
Conc: 5.22 ug/ml



#8 n-Octadecane (C18)

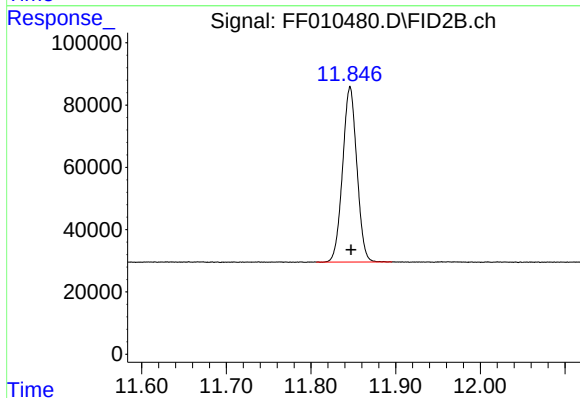
R.T.: 10.538 min
Delta R.T.: 0.000 min
Response: 656166
Conc: 5.29 ug/ml



#9 ortho-Terphenyl (SURR)

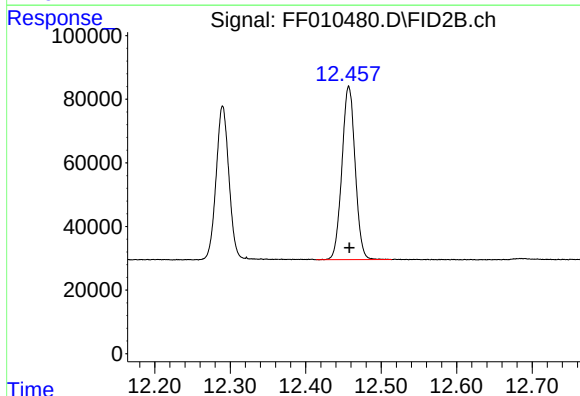
R.T.: 10.852 min
Delta R.T.: -0.001 min
Response: 729114
Conc: 5.38 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



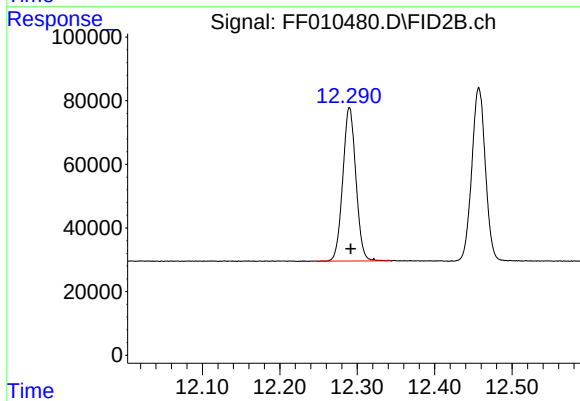
#10 n-Eicosane (C20)

R.T.: 11.846 min
Delta R.T.: 0.000 min
Response: 658430
Conc: 5.32 ug/ml



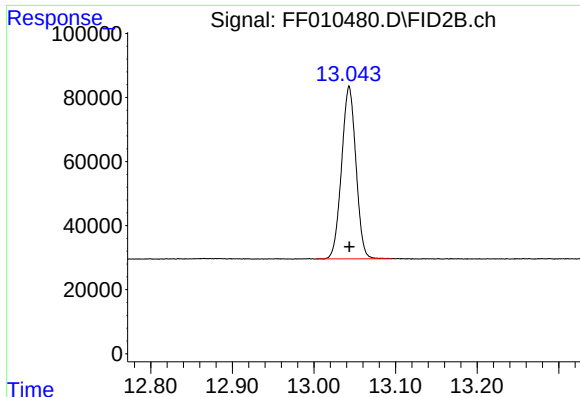
#11 n-Heneicosane (C21)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 664585
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

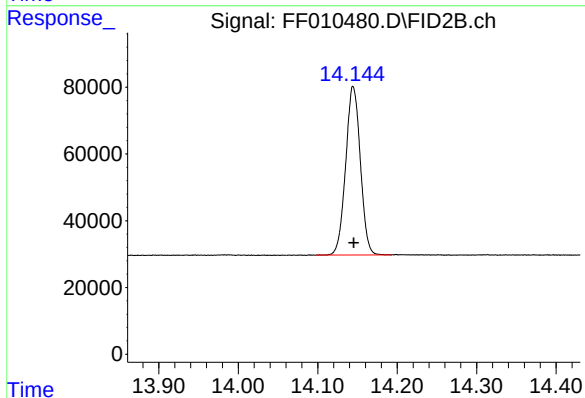
R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 568121
Conc: 5.28 ug/ml



#13 n-Docosane (C22)

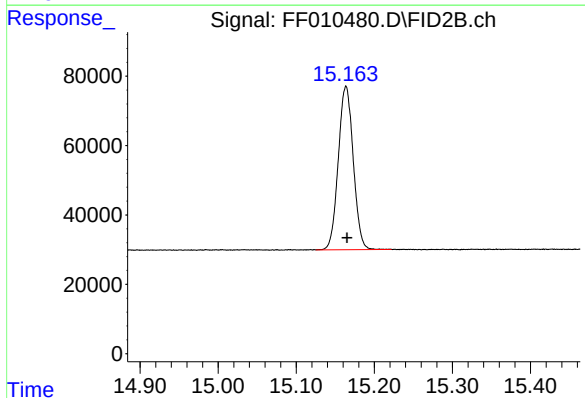
R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 656602
Conc: 5.32 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



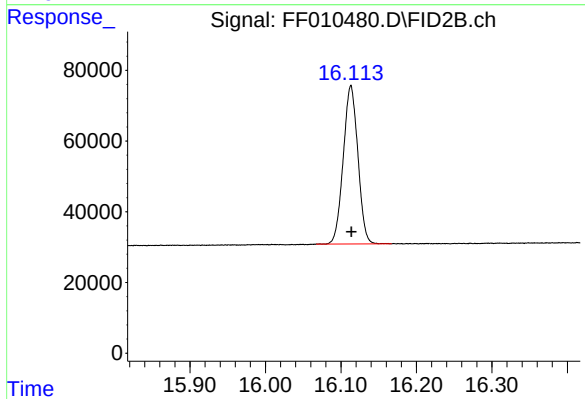
#14 n-Tetracosane (C24)

R.T.: 14.145 min
Delta R.T.: 0.000 min
Response: 648066
Conc: 5.33 ug/ml



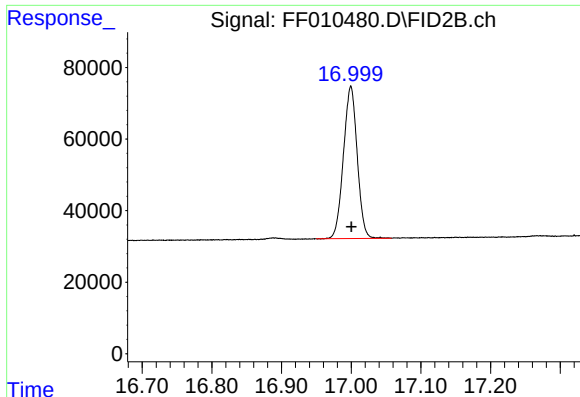
#15 n-Hexacosane (C26)

R.T.: 15.164 min
Delta R.T.: -0.001 min
Response: 627760
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

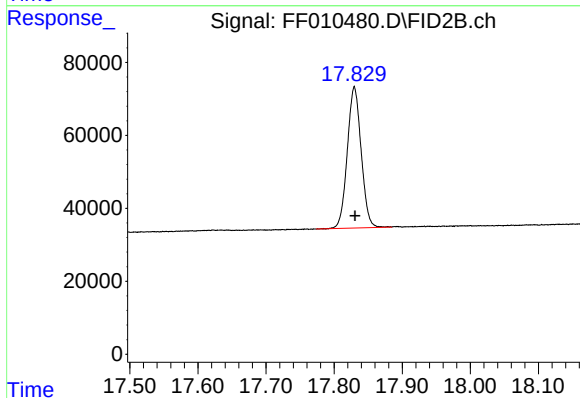
R.T.: 16.113 min
Delta R.T.: 0.000 min
Response: 603318
Conc: 5.36 ug/ml



#17 n-Tricontane (C30)

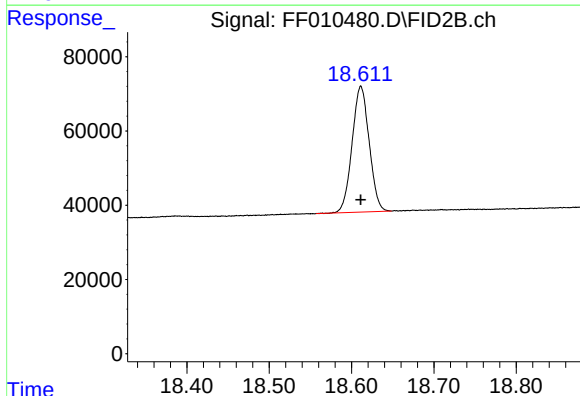
R.T.: 17.000 min
Delta R.T.: 0.000 min
Response: 583803
Conc: 5.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



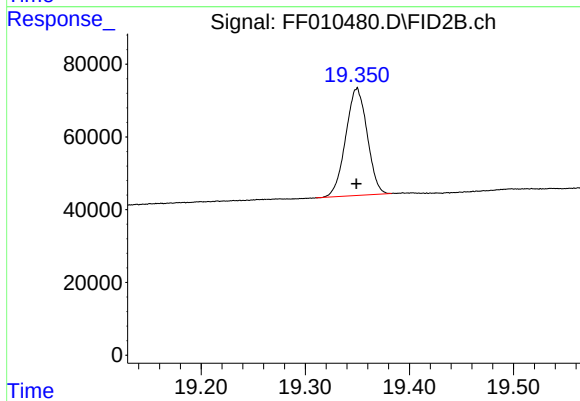
#18 n-Dotriacontane (C32)

R.T.: 17.830 min
Delta R.T.: -0.001 min
Response: 546314
Conc: 5.42 ug/ml



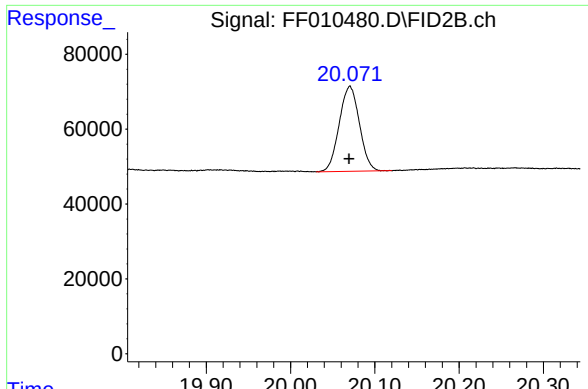
#19 n-Tetratriacontane (C34)

R.T.: 18.611 min
Delta R.T.: 0.000 min
Response: 487396
Conc: 5.36 ug/ml



#20 n-Hexatriacontane (C36)

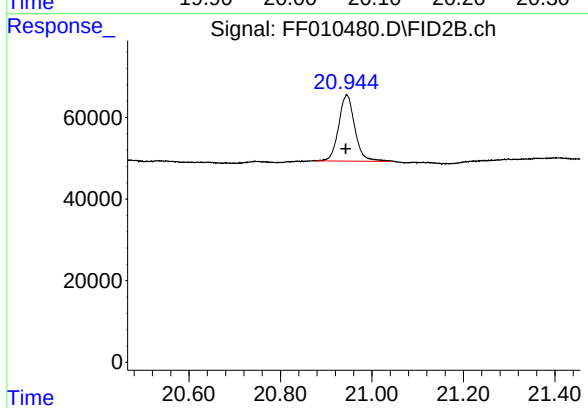
R.T.: 19.349 min
Delta R.T.: 0.000 min
Response: 421726
Conc: 5.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 378748
Conc: 5.11 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 20.945 min
Delta R.T.: 0.002 min
Response: 395710
Conc: 5.37 ug/ml