

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009393.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 16:13
 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: autoint1.e
 Quant Time: Dec 14 16:39:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:45:23 2021
 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)	10.745	769264	5.723 ug/ml
Spiked Amount 50.000		Recovery =	11.45%
12) S 1-chlorooctadecane (S...	12.179	607863	5.688 ug/ml
Spiked Amount 50.000		Recovery =	11.38%
Target Compounds			
1) T n-Nonane (C9)	2.642	647398	5.582 ug/ml
2) T n-Decane (C10)	3.643	638165	5.507 ug/ml
3) T A~Naphthalene (C11.7)	5.202	672904	5.347 ug/ml
4) T n-Dodecane (C12)	5.621	661938	5.629 ug/ml
5) T A~2-methylnaphthalene...	6.247	650700	5.192 ug/ml
6) T n-Tetradecane (C14)	7.403	663221	5.611 ug/ml
7) T n-Hexadecane (C16)	8.995	679719	5.661 ug/ml
8) T n-Octadecane (C18)	10.431	717661	5.680 ug/ml
10) T n-Eicosane (C20)	11.736	733278	5.742 ug/ml
11) T n-Heneicosane (C21)	12.345	741581	5.709 ug/ml
13) T n-Docosane (C22)	12.928	743244	5.736 ug/ml
14) T n-Tetracosane (C24)	14.028	751530	5.769 ug/ml
15) T n-Hexacosane (C26)	15.045	708678	5.697 ug/ml
16) T n-Octacosane (C28)	15.991	641624	5.549 ug/ml
17) T n-Tricontane (C30)	16.874	599643	5.611 ug/ml
18) T n-Dotriacontane (C32)	17.704	607929	5.904 ug/ml
19) T n-Tetratriacontane (C34)	18.485	597716	5.830 ug/ml
20) T n-Hexatriacontane (C36)	19.223	575266	5.750 ug/ml
21) T n-Octatriacontane (C38)	19.930	539697	5.573 ug/ml
22) T n-Tetracontane (C40)	20.763	414220	5.091 ug/ml

(f)=RT Delta > 1/2 Window

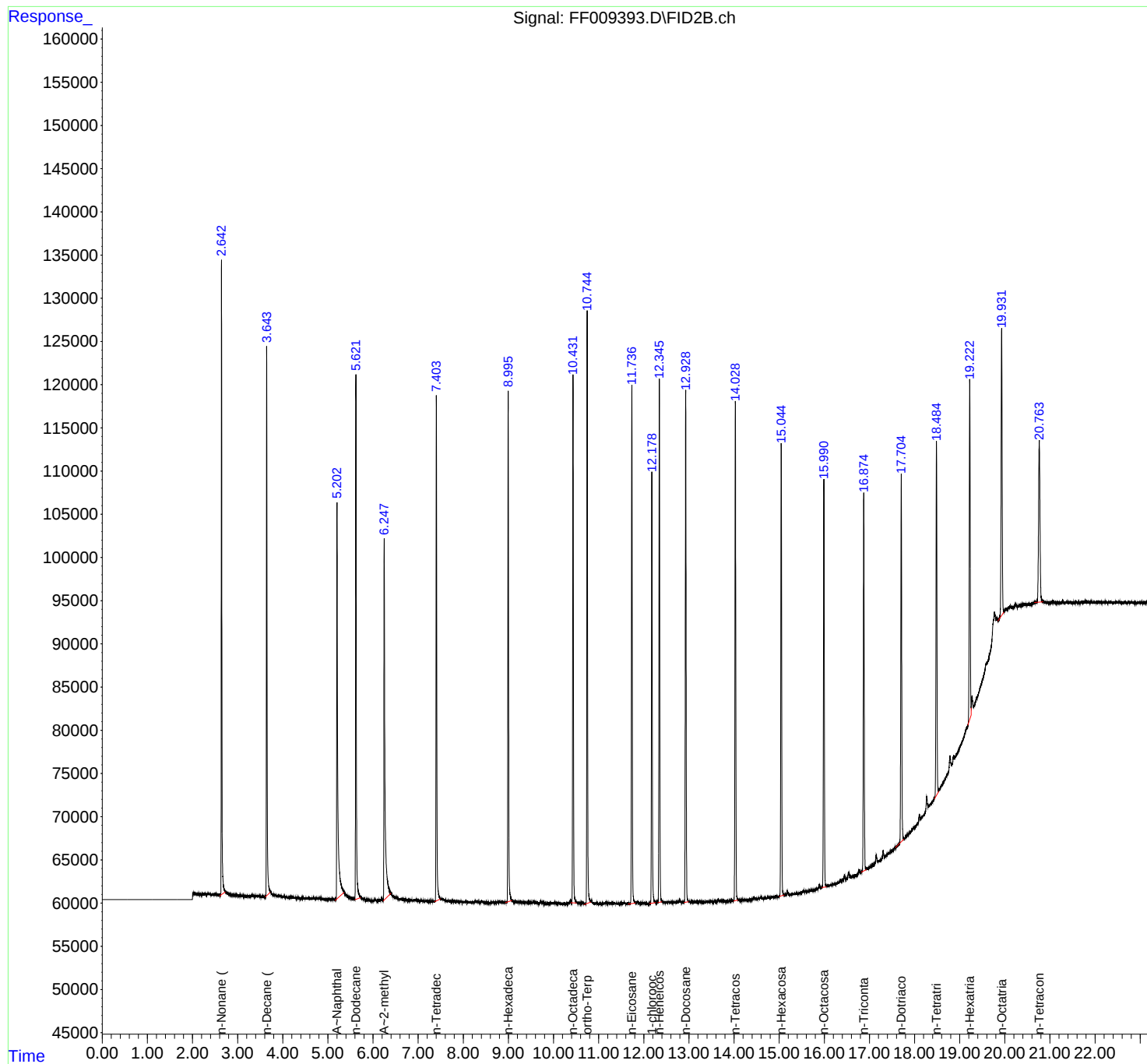
(m)=manual int.

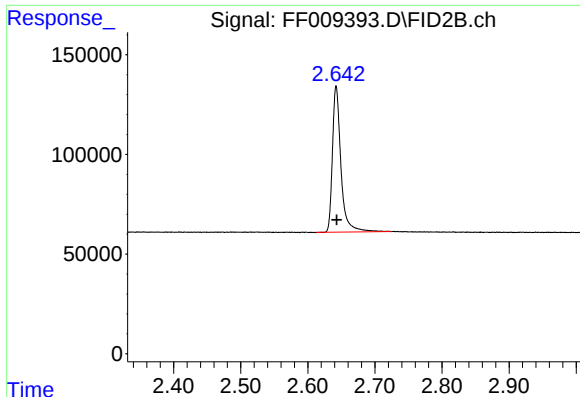
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
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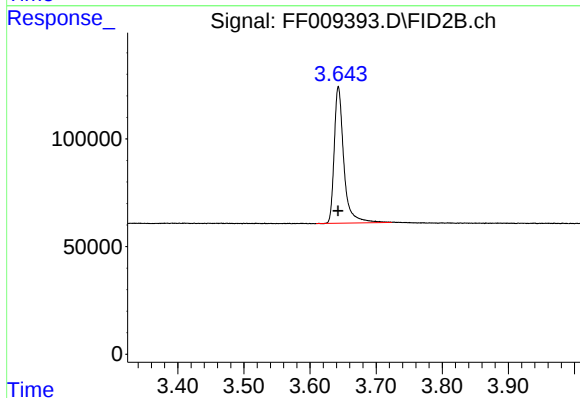




#1 n-Nonane (C9)

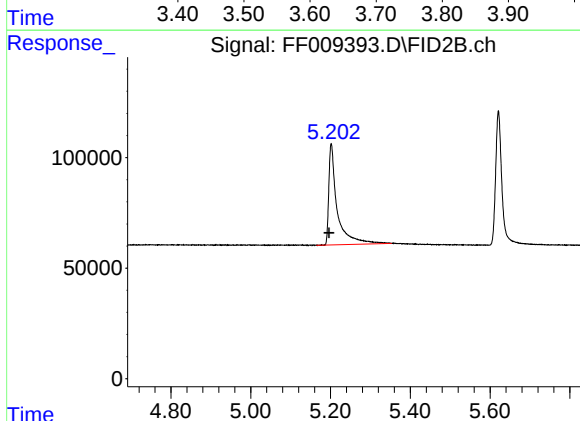
R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 647398
Conc: 5.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



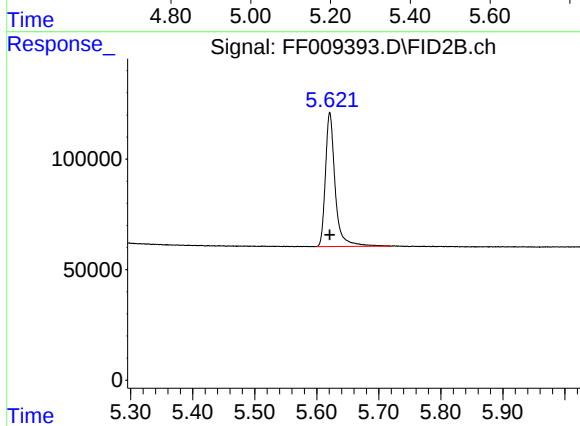
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 638165
Conc: 5.51 ug/ml



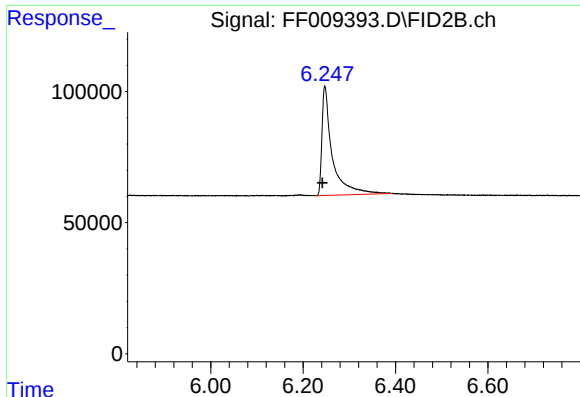
#3 A~Naphthalene (C11.7)

R.T.: 5.202 min
Delta R.T.: 0.005 min
Response: 672904
Conc: 5.35 ug/ml



#4 n-Dodecane (C12)

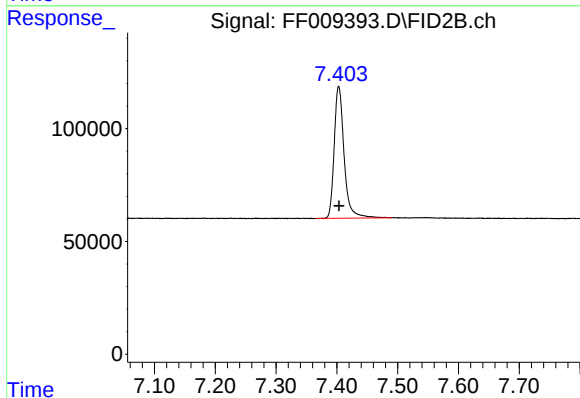
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 661938
Conc: 5.63 ug/ml



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

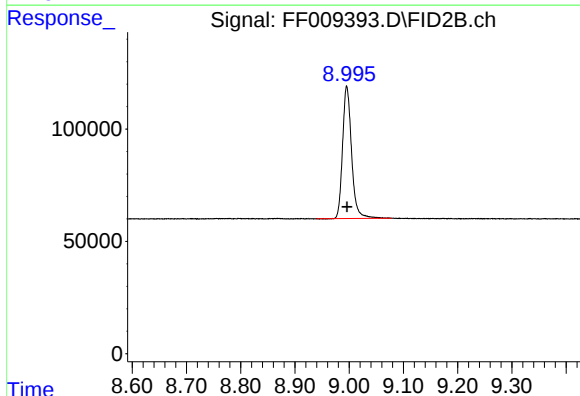
R.T.: 6.247 min
Delta R.T.: 0.006 min
Response: 650700
Conc: 5.19 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



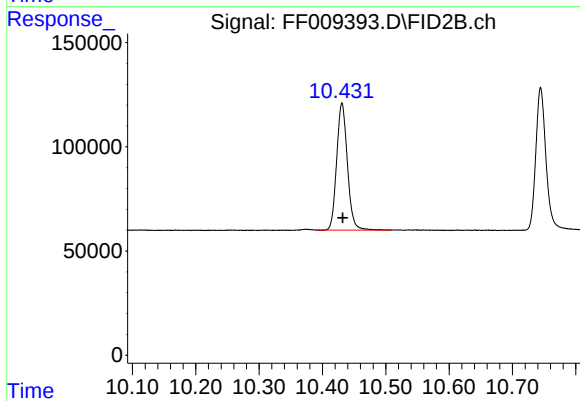
#6 n-Tetradecane (C14)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 663221
Conc: 5.61 ug/ml



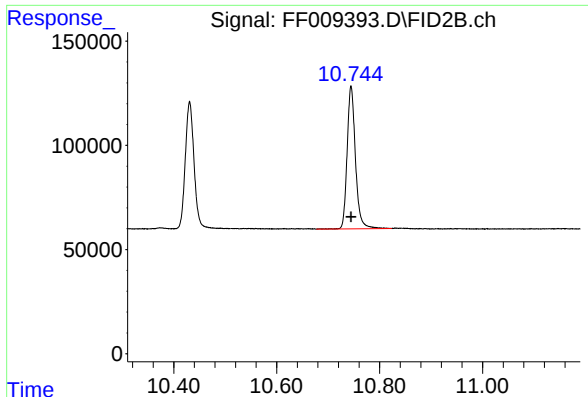
#7 n-Hexadecane (C16)

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 679719
Conc: 5.66 ug/ml



#8 n-Octadecane (C18)

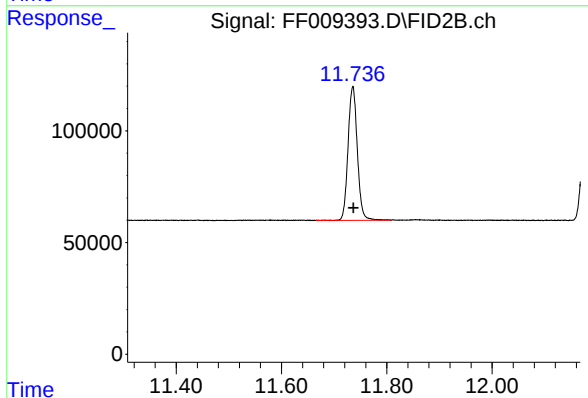
R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 717661
Conc: 5.68 ug/ml



#9 ortho-Terphenyl (SURR)

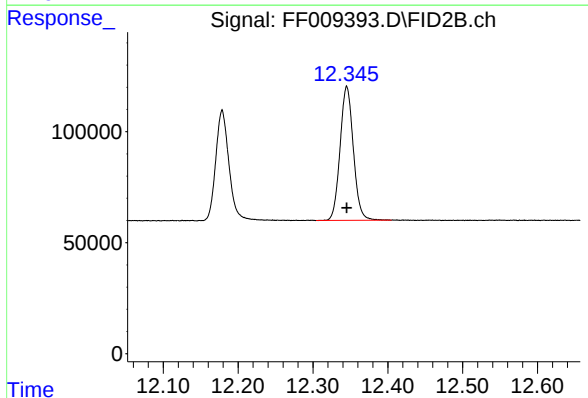
R.T.: 10.745 min
Delta R.T.: 0.000 min
Response: 769264
Conc: 5.72 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



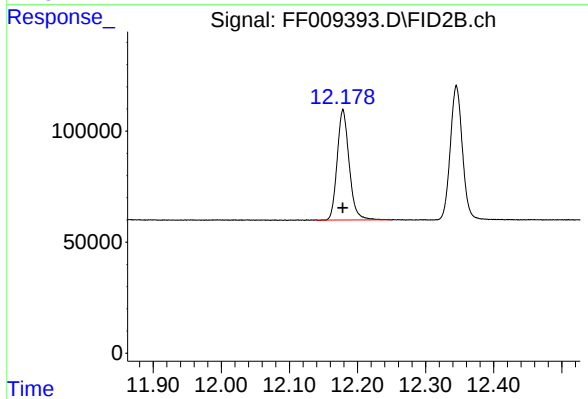
#10 n-Eicosane (C20)

R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 733278
Conc: 5.74 ug/ml



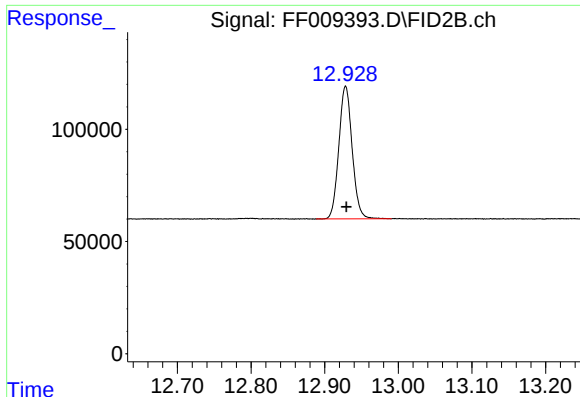
#11 n-Heneicosane (C21)

R.T.: 12.345 min
Delta R.T.: 0.000 min
Response: 741581
Conc: 5.71 ug/ml



#12 1-chlorooctadecane (SURR)

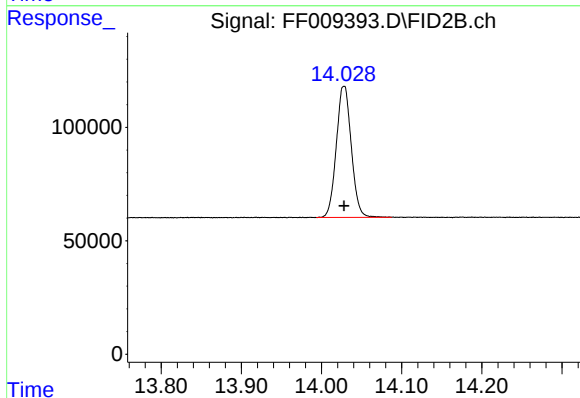
R.T.: 12.179 min
Delta R.T.: 0.000 min
Response: 607863
Conc: 5.69 ug/ml



#13 n-Docosane (C22)

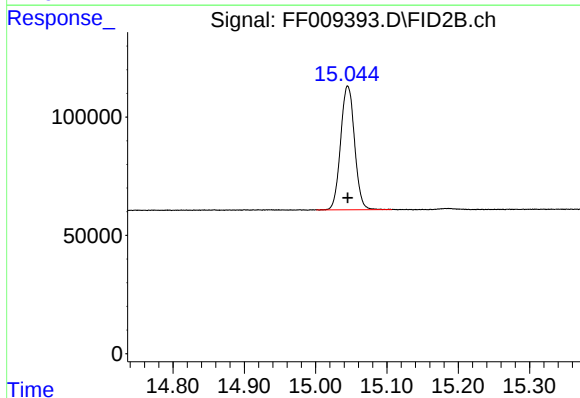
R.T.: 12.928 min
Delta R.T.: -0.001 min
Response: 743244
Conc: 5.74 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



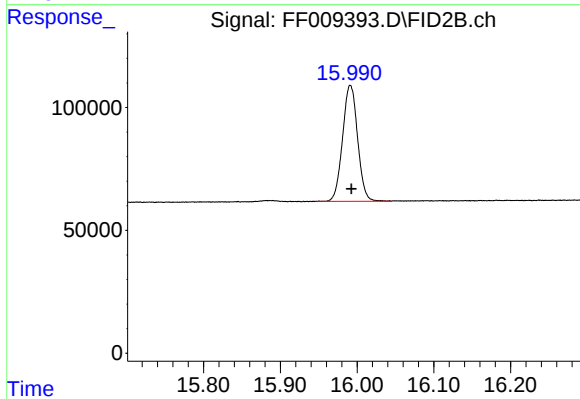
#14 n-Tetracosane (C24)

R.T.: 14.028 min
Delta R.T.: 0.000 min
Response: 751530
Conc: 5.77 ug/ml



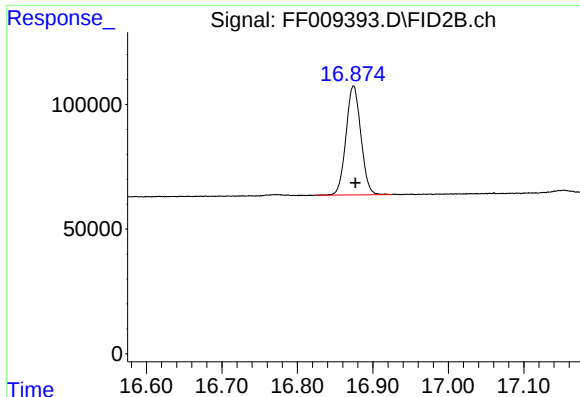
#15 n-Hexacosane (C26)

R.T.: 15.045 min
Delta R.T.: 0.000 min
Response: 708678
Conc: 5.70 ug/ml



#16 n-Octacosane (C28)

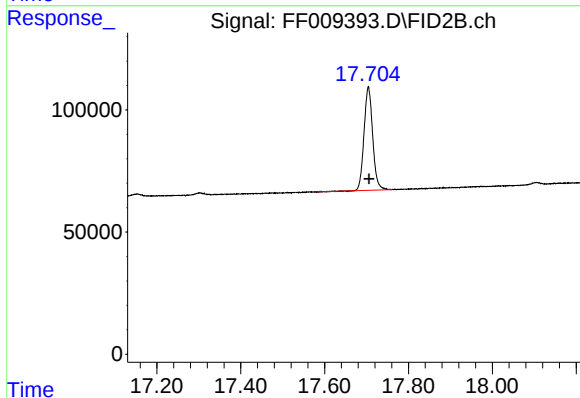
R.T.: 15.991 min
Delta R.T.: -0.001 min
Response: 641624
Conc: 5.55 ug/ml



#17 n-Tricontane (C30)

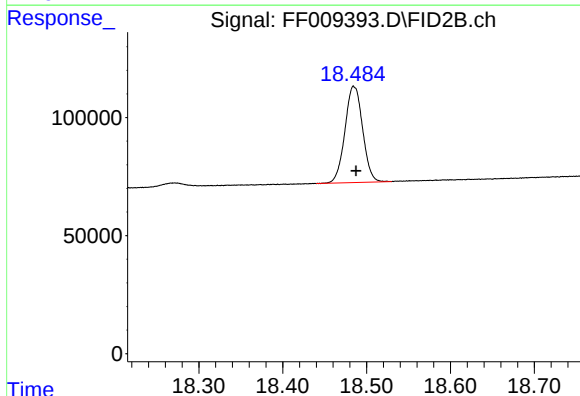
R.T.: 16.874 min
Delta R.T.: -0.003 min
Response: 599643
Conc: 5.61 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



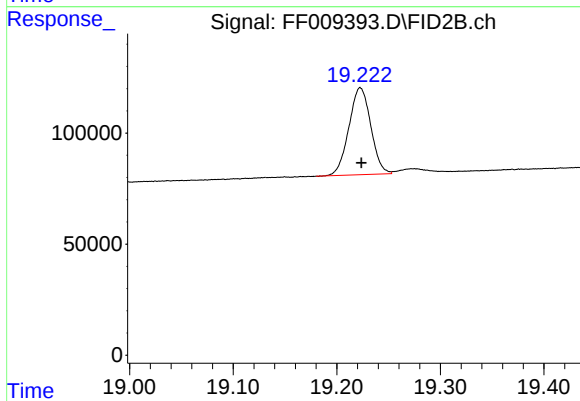
#18 n-Dotriacontane (C32)

R.T.: 17.704 min
Delta R.T.: -0.002 min
Response: 607929
Conc: 5.90 ug/ml



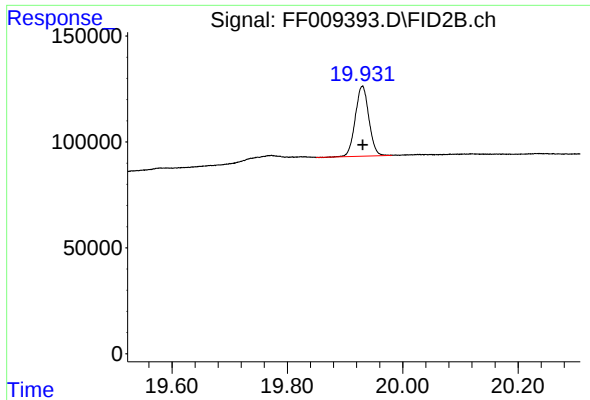
#19 n-Tetratriacontane (C34)

R.T.: 18.485 min
Delta R.T.: -0.003 min
Response: 597716
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

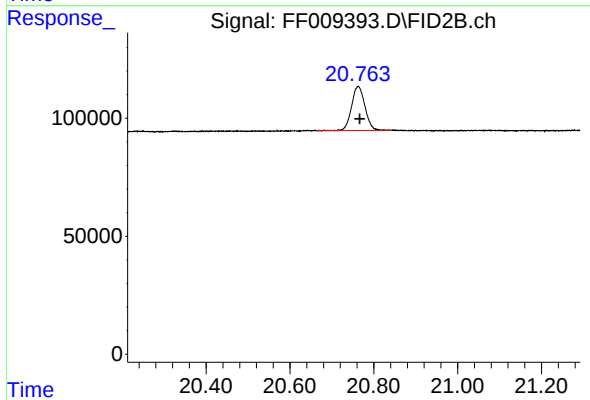
R.T.: 19.223 min
Delta R.T.: -0.001 min
Response: 575266
Conc: 5.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.930 min
Delta R.T.: 0.000 min
Response: 539697
Conc: 5.57 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 20.763 min
Delta R.T.: -0.003 min
Response: 414220
Conc: 5.09 ug/ml