

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040006.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 19:34
 Operator : AJ\MA
 Sample : M5105-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:45:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.760	6016628	38.326 ug/ml
Spiked Amount 50.000		Recovery =	76.65%
12) S 1-chlorooctadecane (S...	12.216	64920090	525.697 ug/ml
Spiked Amount 50.000		Recovery =	1051.39%
Target Compounds			
1) T n-Nonane (C9)	2.683	3846	0.027 ug/ml
2) T n-Decane (C10)	3.659	102099	0.716 ug/ml
3) T A~Naphthalene (C11.7)	5.210	318650	1.985 ug/ml
4) T n-Dodecane (C12)	5.641	860686	6.028 ug/ml
5) T A~2-methylnaphthalene...	6.255	523698	3.245 ug/ml
6) T n-Tetradecane (C14)	7.422	1505799	10.448 ug/ml
7) T n-Hexadecane (C16)	9.013	1443205	9.920 ug/ml
8) T n-Octadecane (C18)	10.448	1041066	6.996 ug/ml
10) T n-Eicosane (C20)	11.752	683933	4.676 ug/ml
11) T n-Heneicosane (C21)	12.428	13673793	93.070 ug/ml
13) T n-Docosane (C22)	12.947	590459	4.043 ug/ml
14) T n-Tetracosane (C24)	14.040	468795	3.219 ug/ml
15) T n-Hexacosane (C26)	15.059	389650	2.778 ug/ml
16) T n-Octacosane (C28)	16.015	301550	2.223 ug/ml
17) T n-Tricontane (C30)	16.888	597476	4.572 ug/ml
18) T n-Dotriacontane (C32)	17.722	509136	4.091 ug/ml
19) T n-Tetratriacontane (C34)	18.509	846266	7.007 ug/ml
20) T n-Hexatriacontane (C36)	19.251	1393172	12.114 ug/ml
21) T n-Octatriacontane (C38)	19.962	3379869	30.280 ug/ml
22) T n-Tetracontane (C40)	20.821	271027	2.379 ug/ml

(f)=RT Delta > 1/2 Window

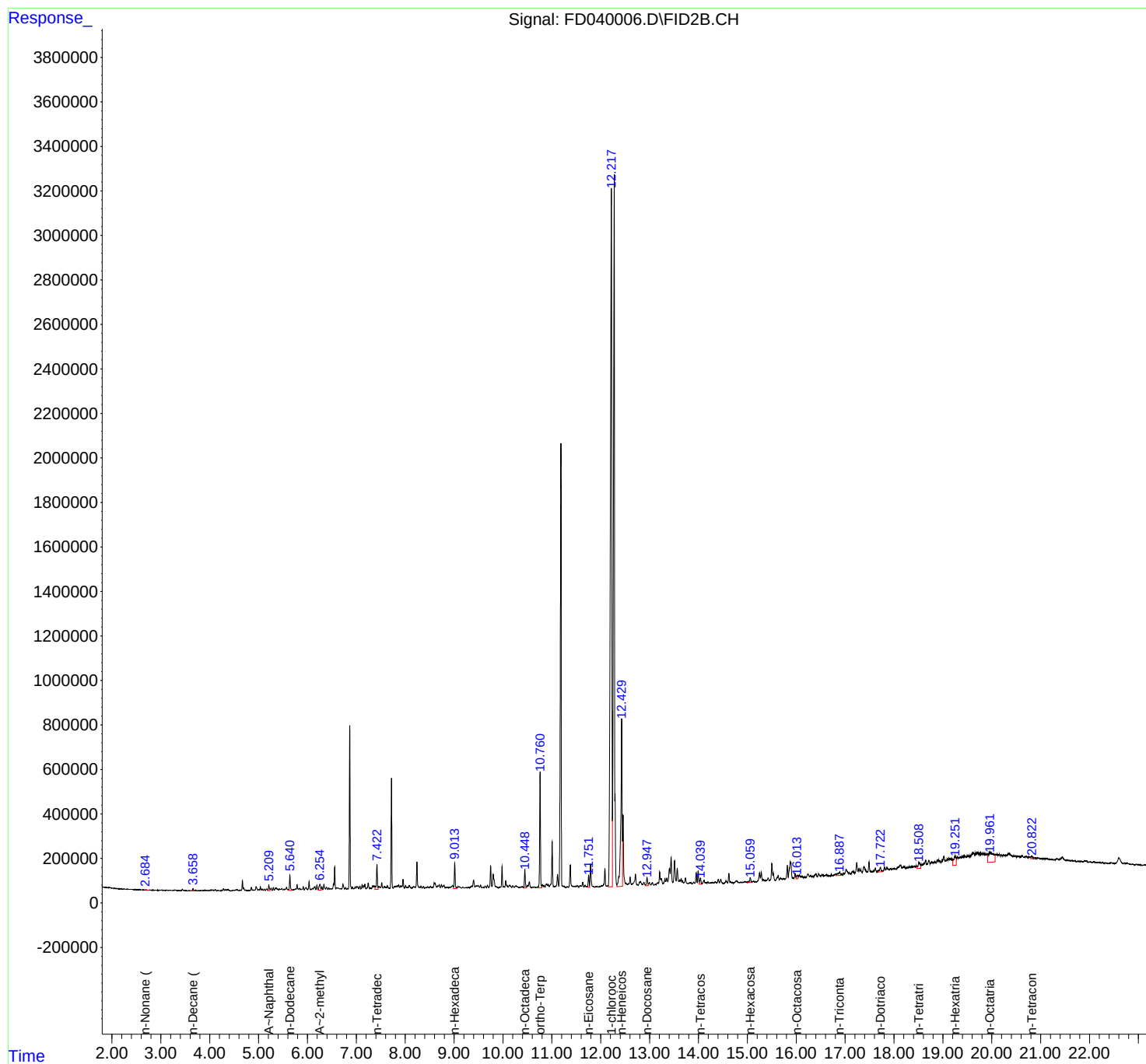
(m)=manual int.

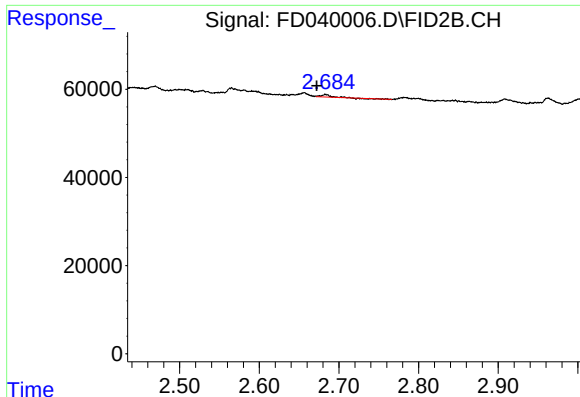
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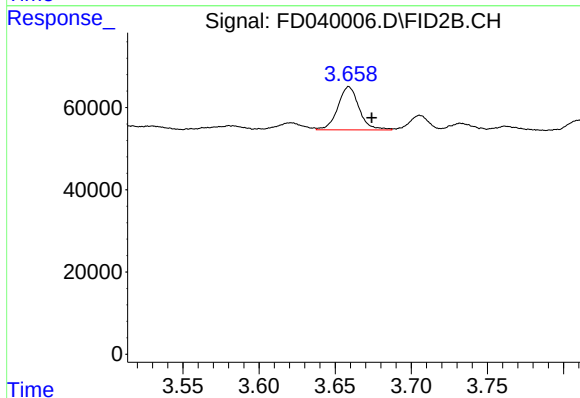




#1 n-Nonane (C9)

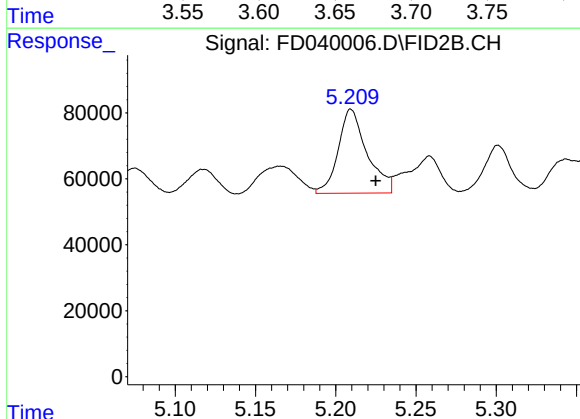
R.T.: 2.683 min
Delta R.T.: 0.011 min
Response: 3846
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



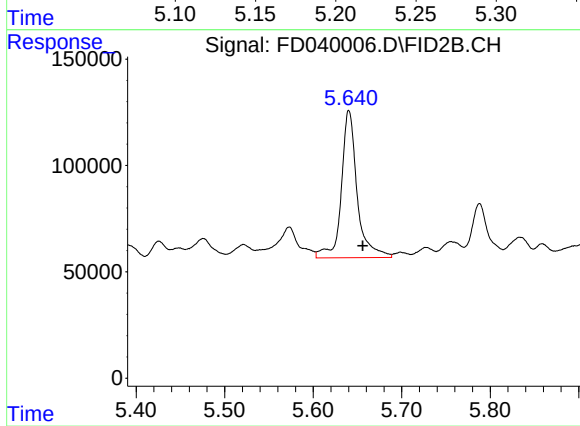
#2 n-Decane (C10)

R.T.: 3.659 min
Delta R.T.: -0.015 min
Response: 102099
Conc: 0.72 ug/ml



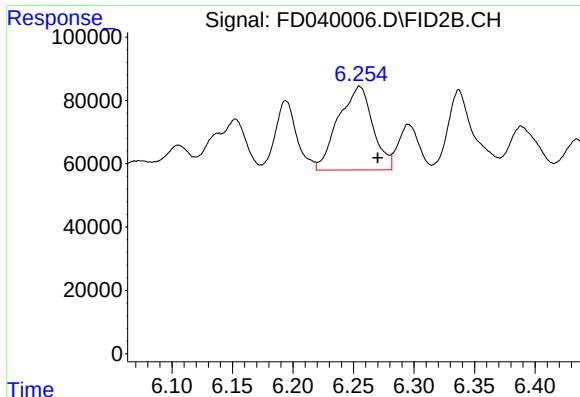
#3 A~Naphthalene (C11.7)

R.T.: 5.210 min
Delta R.T.: -0.015 min
Response: 318650
Conc: 1.99 ug/ml



#4 n-Dodecane (C12)

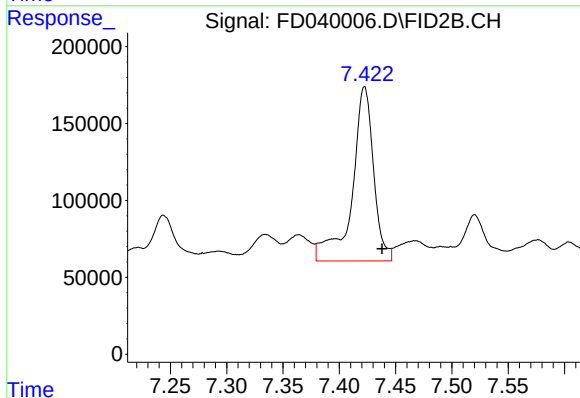
R.T.: 5.641 min
Delta R.T.: -0.015 min
Response: 860686
Conc: 6.03 ug/ml



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

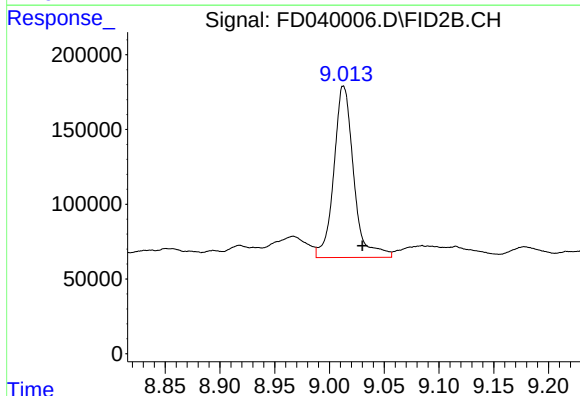
R.T.: 6.255 min
Delta R.T.: -0.015 min
Response: 523698
Conc: 3.25 ug/ml

Instrument :
FID_D
ClientSampleId :



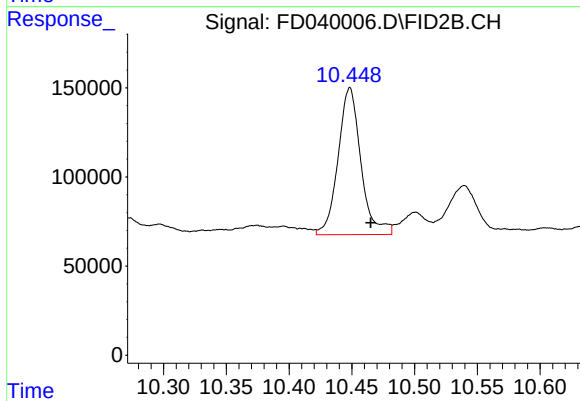
#6 n-Tetradecane (C14)

R.T.: 7.422 min
Delta R.T.: -0.016 min
Response: 1505799
Conc: 10.45 ug/ml



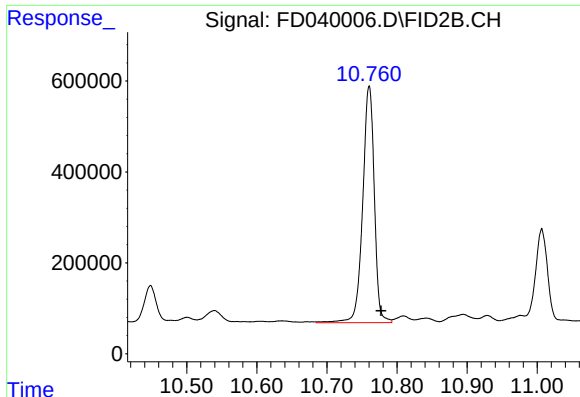
#7 n-Hexadecane (C16)

R.T.: 9.013 min
Delta R.T.: -0.017 min
Response: 1443205
Conc: 9.92 ug/ml



#8 n-Octadecane (C18)

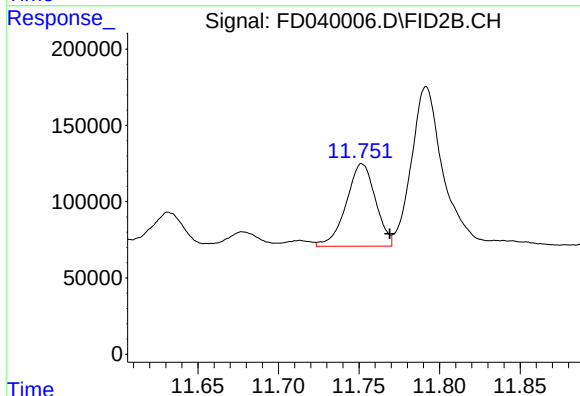
R.T.: 10.448 min
Delta R.T.: -0.017 min
Response: 1041066
Conc: 7.00 ug/ml



#9 ortho-Terphenyl (SURR)

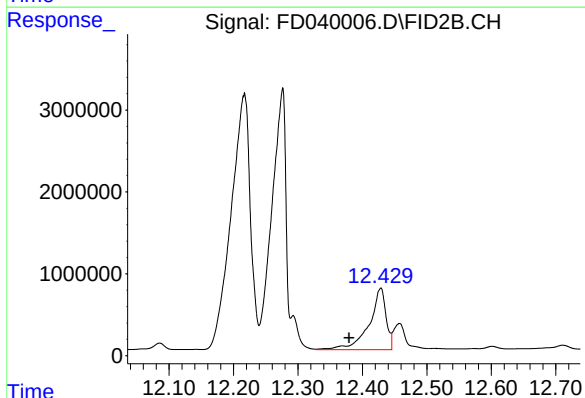
R.T.: 10.760 min
Delta R.T.: -0.017 min
Response: 6016628
Conc: 38.33 ug/ml

Instrument :
FID_D
ClientSampleId :



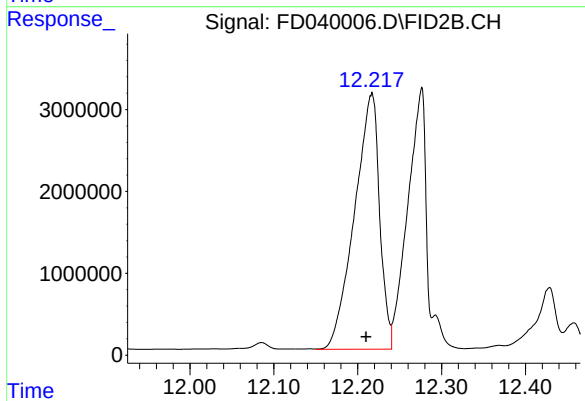
#10 n-Eicosane (C20)

R.T.: 11.752 min
Delta R.T.: -0.017 min
Response: 683933
Conc: 4.68 ug/ml



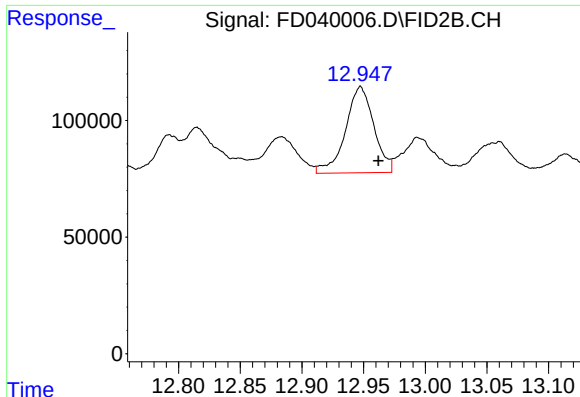
#11 n-Heneicosane (C21)

R.T.: 12.428 min
Delta R.T.: 0.049 min
Response: 13673793
Conc: 93.07 ug/ml



#12 1-chlorooctadecane (SURR)

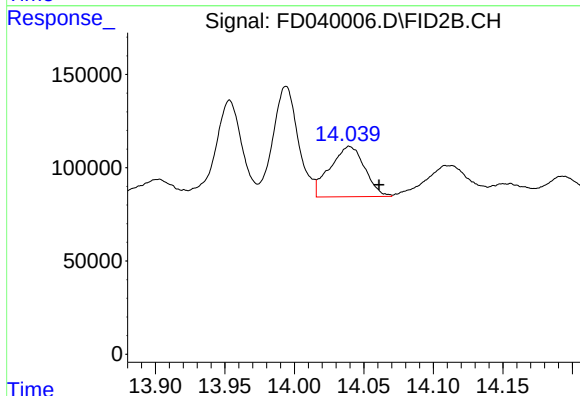
R.T.: 12.216 min
Delta R.T.: 0.006 min
Response: 64920090
Conc: 525.70 ug/ml



#13 n-Docosane (C22)

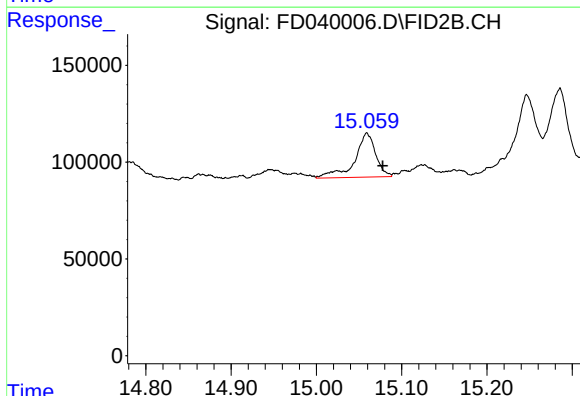
R.T.: 12.947 min
Delta R.T.: -0.015 min
Response: 590459
Conc: 4.04 ug/ml

Instrument :
FID_D
ClientSampleId :



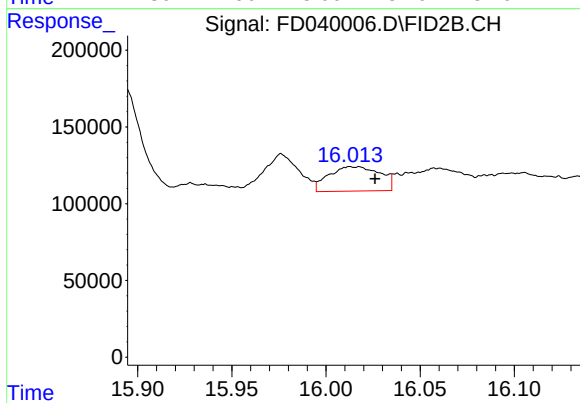
#14 n-Tetracosane (C24)

R.T.: 14.040 min
Delta R.T.: -0.021 min
Response: 468795
Conc: 3.22 ug/ml



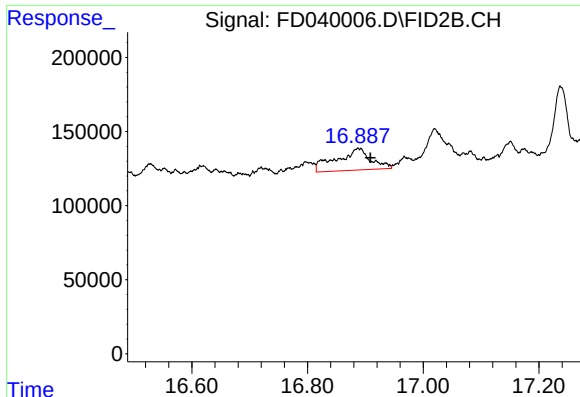
#15 n-Hexacosane (C26)

R.T.: 15.059 min
Delta R.T.: -0.019 min
Response: 389650
Conc: 2.78 ug/ml



#16 n-Octacosane (C28)

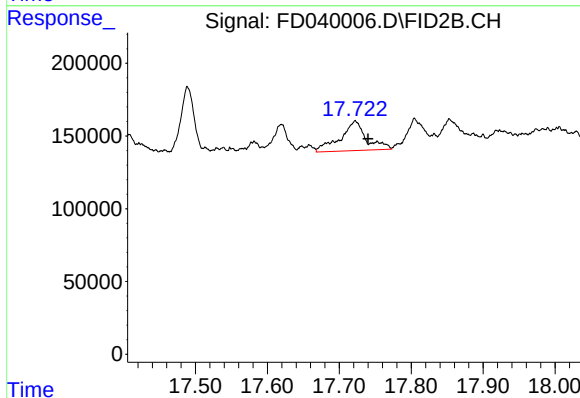
R.T.: 16.015 min
Delta R.T.: -0.011 min
Response: 301550
Conc: 2.22 ug/ml



#17 n-Tricontane (C30)

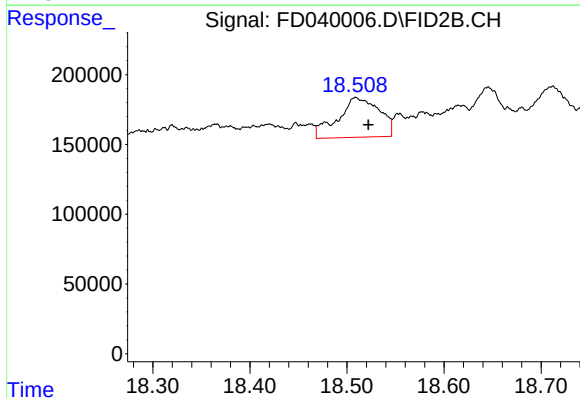
R.T.: 16.888 min
Delta R.T.: -0.021 min
Response: 597476
Conc: 4.57 ug/ml

Instrument :
FID_D
ClientSampleId :



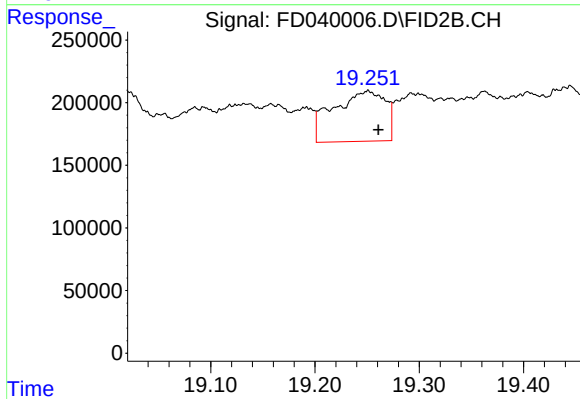
#18 n-Dotriacontane (C32)

R.T.: 17.722 min
Delta R.T.: -0.018 min
Response: 509136
Conc: 4.09 ug/ml



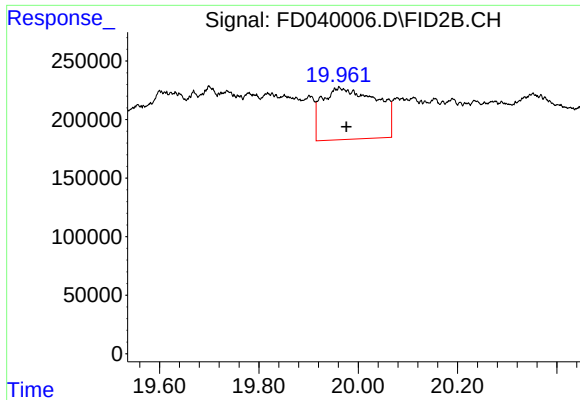
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 846266
Conc: 7.01 ug/ml



#20 n-Hexatriacontane (C36)

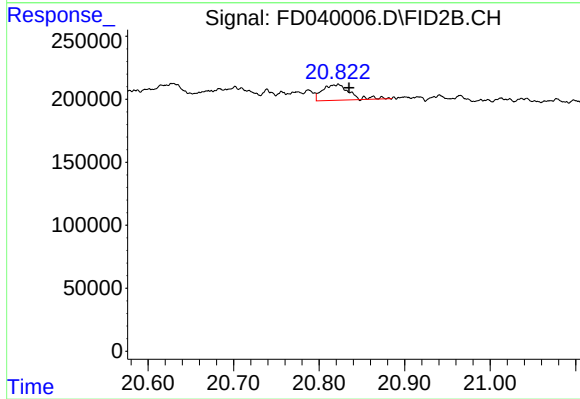
R.T.: 19.251 min
Delta R.T.: -0.010 min
Response: 1393172
Conc: 12.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.962 min
Delta R.T.: -0.014 min
Response: 3379869
Conc: 30.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.821 min
Delta R.T.: -0.014 min
Response: 271027
Conc: 2.38 ug/ml