

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040267.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 20:04
 Operator : AJ\MA
 Sample : M5241-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:49:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.719	11083770	71.147 ug/ml
Spiked Amount 50.000		Recovery =	142.29%
12) S 1-chlorooctadecane (S...	12.153	7968689	66.076 ug/ml
Spiked Amount 50.000		Recovery =	132.15%
Target Compounds			
1) T n-Nonane (C9)	2.635	68264	0.520 ug/ml
2) T n-Decane (C10)	3.629	89921	0.679 ug/ml
3) T A~Naphthalene (C11.7)	5.174	519656	3.522 ug/ml
4) T n-Dodecane (C12)	5.556f	340919	2.567 ug/ml
5) T A~2-methylnaphthalene...	6.214	1149093	7.744 ug/ml
6) T n-Tetradecane (C14)	7.383	864723	6.255 ug/ml
7) T n-Hexadecane (C16)	8.972	1464614	10.682 ug/ml
8) T n-Octadecane (C18)	10.430	856055	6.062 ug/ml
10) T n-Eicosane (C20)	11.707	1732000	12.389 ug/ml
11) T n-Heneicosane (C21)	12.320	2182614	15.426 ug/ml
13) T n-Docosane (C22)	12.897	1947197	13.875 ug/ml
14) T n-Tetracosane (C24)	13.998	775074	5.520 ug/ml
15) T n-Hexacosane (C26)	15.036	103959	0.756 ug/ml
16) T n-Octacosane (C28)	15.966	421135	3.096 ug/ml
17) T n-Tricontane (C30)	16.824	256817	1.919 ug/ml
18) T n-Dotriacontane (C32)	17.661	346307	2.675 ug/ml
19) T n-Tetratriacontane (C34)	18.476	462820	3.817 ug/ml
20) T n-Hexatriacontane (C36)	19.205	195302	1.833 ug/ml
21) T n-Octatriacontane (C38)	19.894	912138	9.877 ug/ml
22) T n-Tetracontane (C40)	20.718	829232	10.650 ug/ml

(f)=RT Delta > 1/2 Window

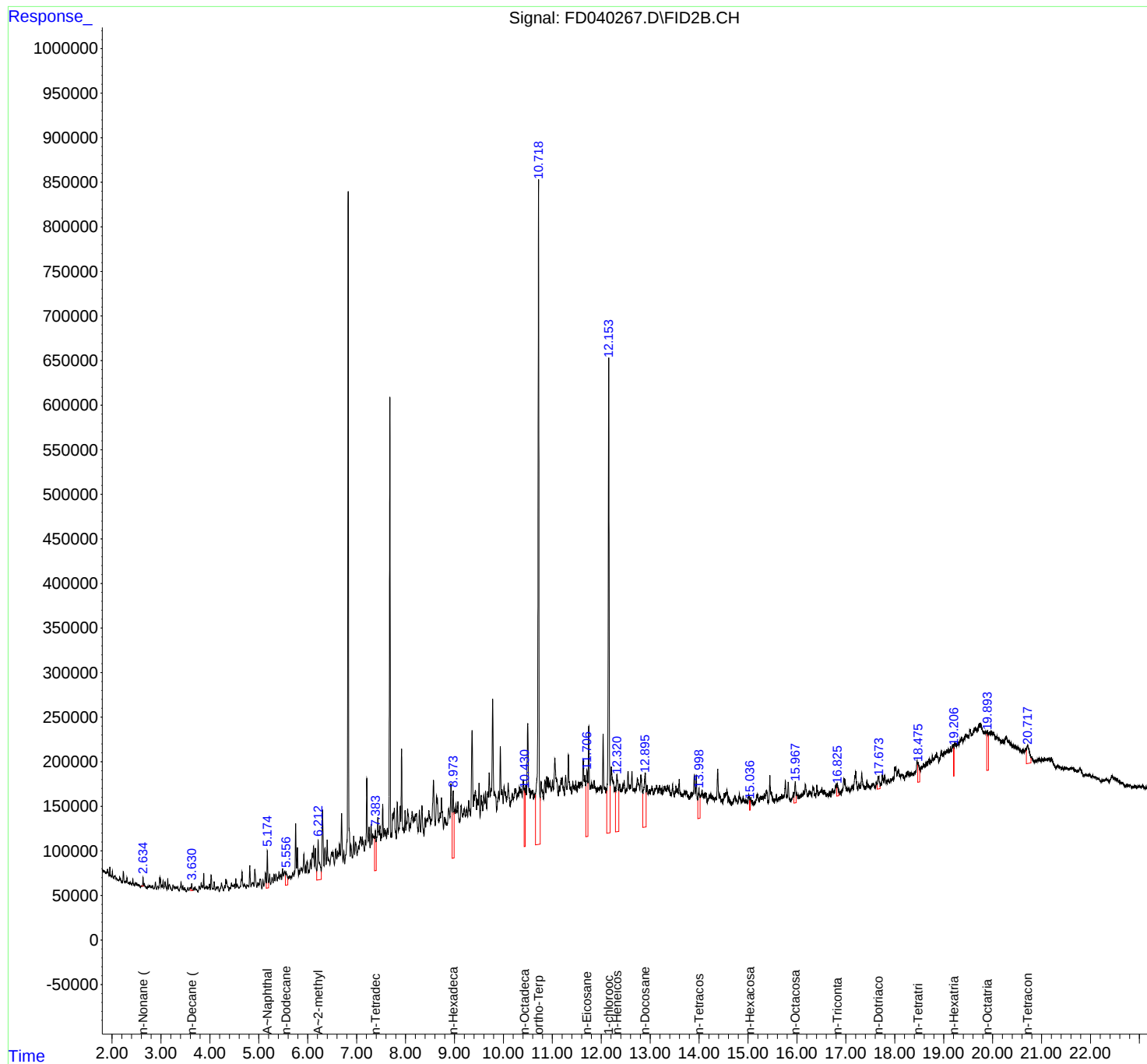
(m)=manual int.

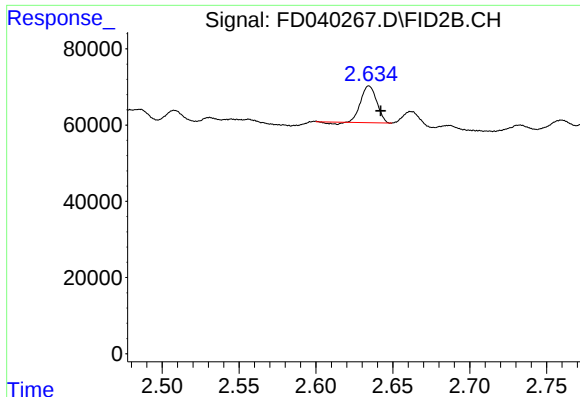
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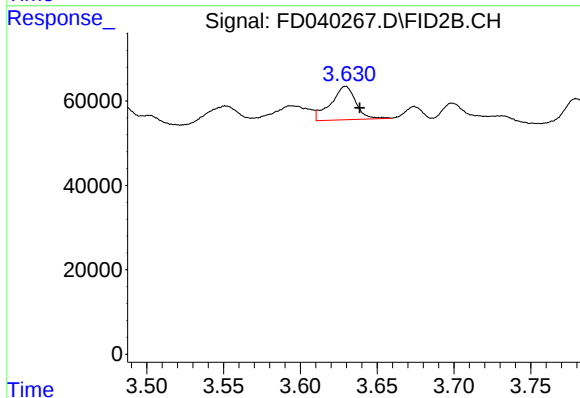




#1 n-Nonane (C9)

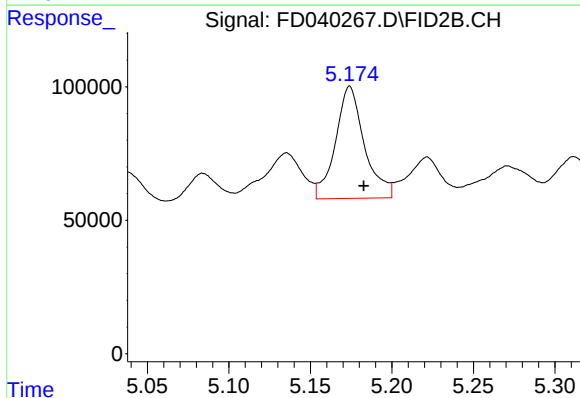
R.T.: 2.635 min
Delta R.T.: -0.007 min
Response: 68264
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



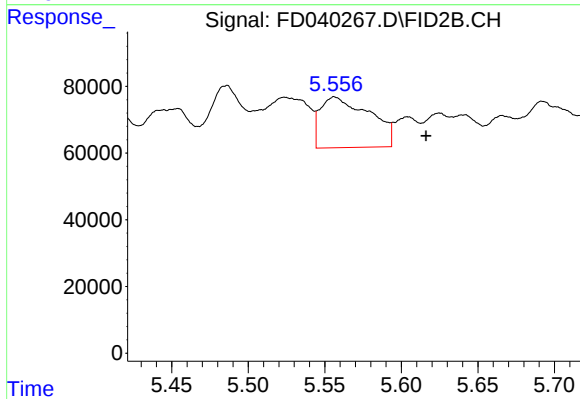
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.009 min
Response: 89921
Conc: 0.68 ug/ml



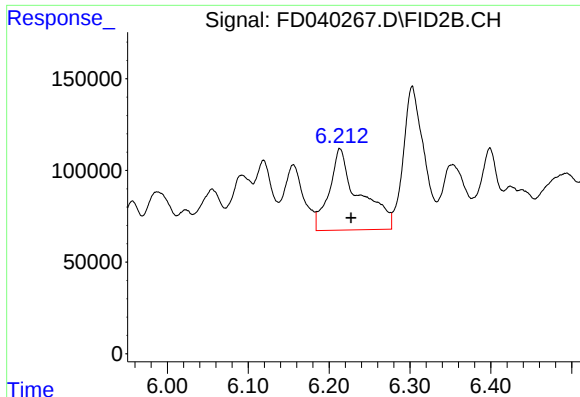
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 519656
Conc: 3.52 ug/ml



#4 n-Dodecane (C12)

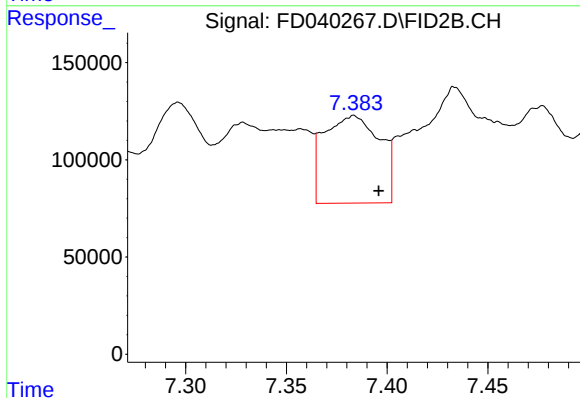
R.T.: 5.556 min
Delta R.T.: -0.060 min
Response: 340919
Conc: 2.57 ug/ml



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

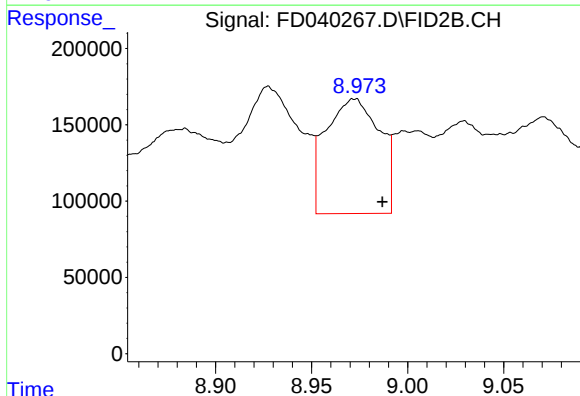
R.T.: 6.214 min
Delta R.T.: -0.014 min
Response: 1149093
Conc: 7.74 ug/ml

Instrument :
FID_D
ClientSampleId :



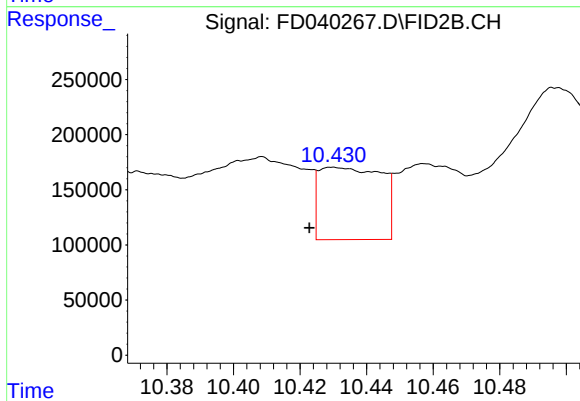
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.012 min
Response: 864723
Conc: 6.25 ug/ml



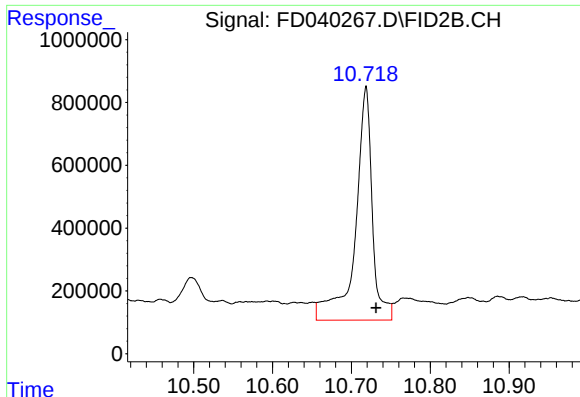
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.015 min
Response: 1464614
Conc: 10.68 ug/ml



#8 n-Octadecane (C18)

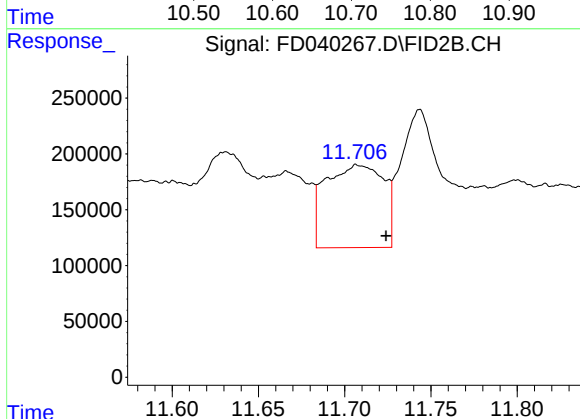
R.T.: 10.430 min
Delta R.T.: 0.007 min
Response: 856055
Conc: 6.06 ug/ml



#9 ortho-Terphenyl (SURR)

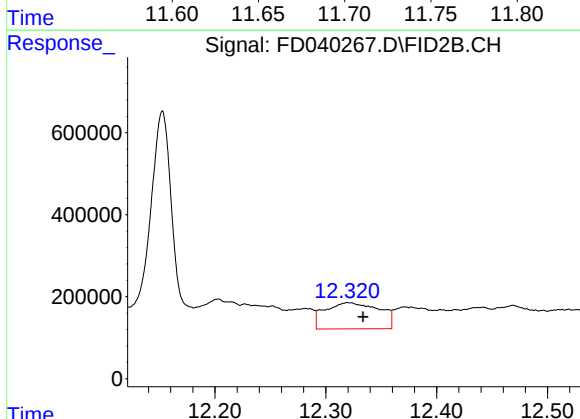
R.T.: 10.719 min
Delta R.T.: -0.013 min
Response: 11083770
Conc: 71.15 ug/ml

Instrument :
FID_D
ClientSampleId :



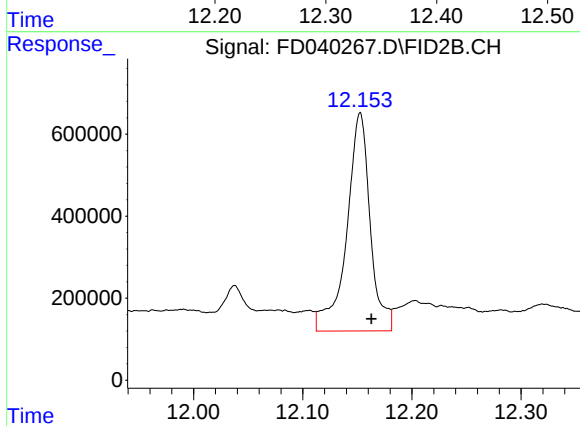
#10 n-Eicosane (C20)

R.T.: 11.707 min
Delta R.T.: -0.017 min
Response: 1732000
Conc: 12.39 ug/ml



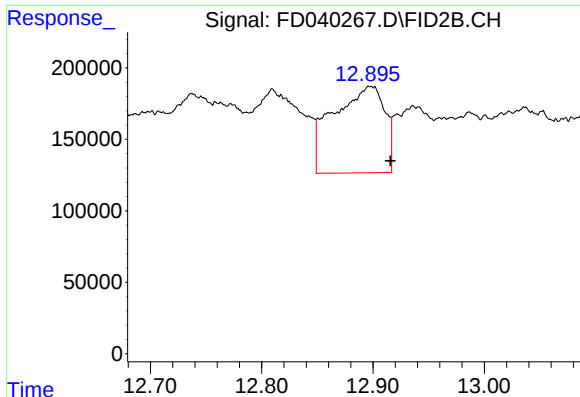
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.013 min
Response: 2182614
Conc: 15.43 ug/ml



#12 1-chlorooctadecane (SURR)

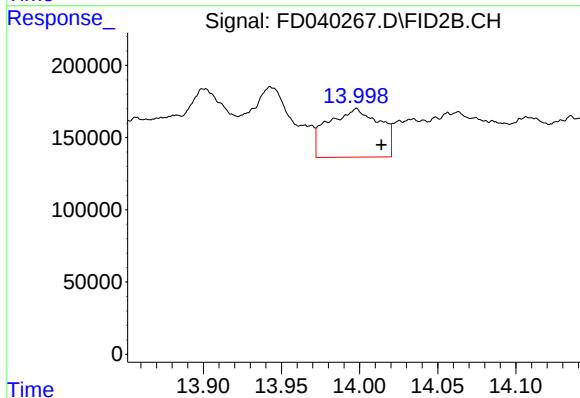
R.T.: 12.153 min
Delta R.T.: -0.010 min
Response: 7968689
Conc: 66.08 ug/ml



#13 n-Docosane (C22)

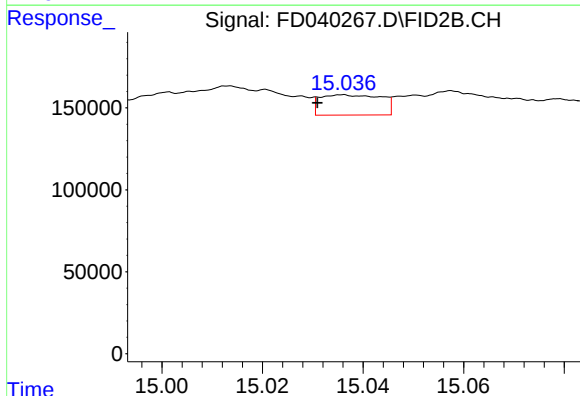
R.T.: 12.897 min
Delta R.T.: -0.018 min
Response: 1947197
Conc: 13.87 ug/ml

Instrument :
FID_D
ClientSampleId :



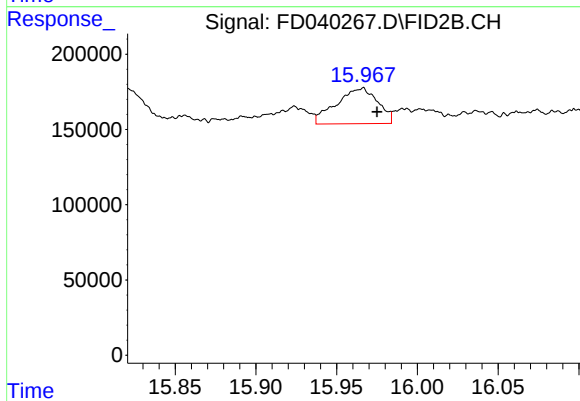
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.016 min
Response: 775074
Conc: 5.52 ug/ml



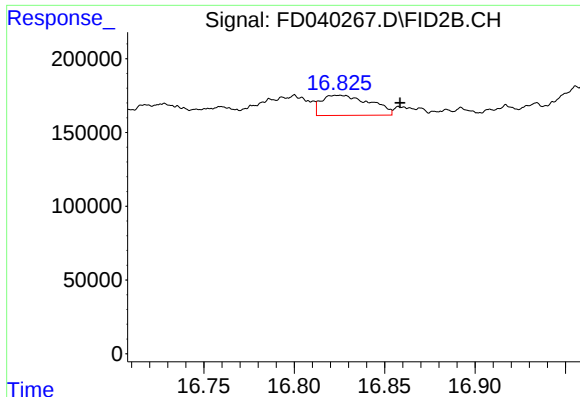
#15 n-Hexacosane (C26)

R.T.: 15.036 min
Delta R.T.: 0.005 min
Response: 103959
Conc: 0.76 ug/ml



#16 n-Octacosane (C28)

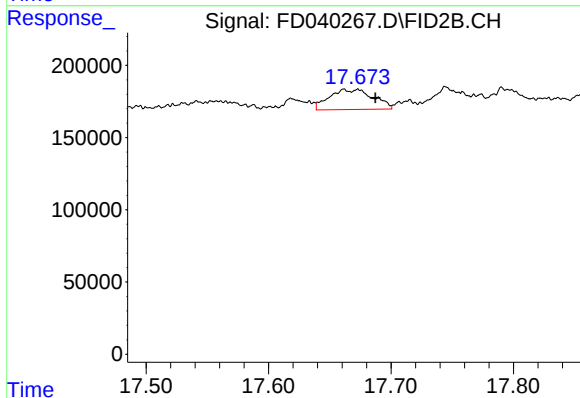
R.T.: 15.966 min
Delta R.T.: -0.009 min
Response: 421135
Conc: 3.10 ug/ml



#17 n-Tricontane (C30)

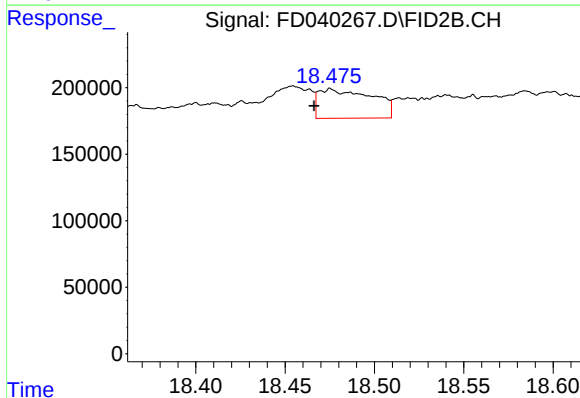
R.T.: 16.824 min
Delta R.T.: -0.034 min
Response: 256817
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :



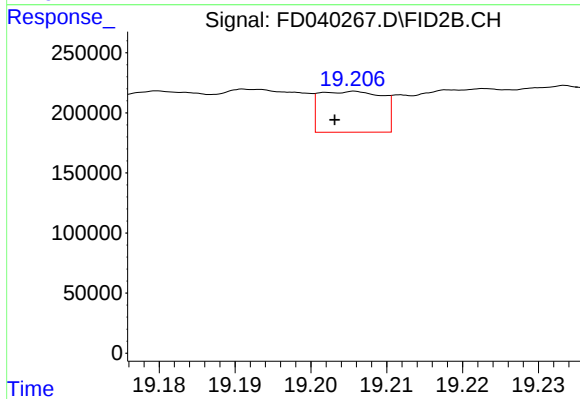
#18 n-Dotriacontane (C32)

R.T.: 17.661 min
Delta R.T.: -0.026 min
Response: 346307
Conc: 2.68 ug/ml



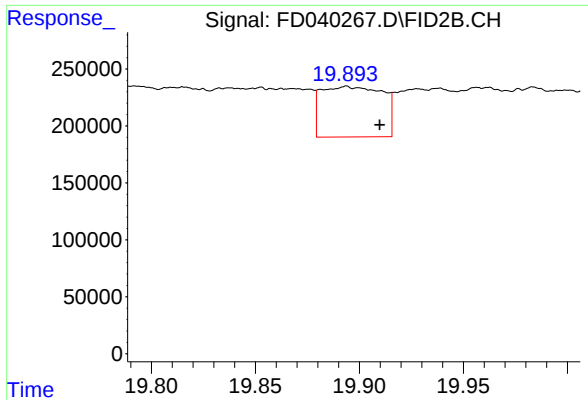
#19 n-Tetratriacontane (C34)

R.T.: 18.476 min
Delta R.T.: 0.009 min
Response: 462820
Conc: 3.82 ug/ml



#20 n-Hexatriacontane (C36)

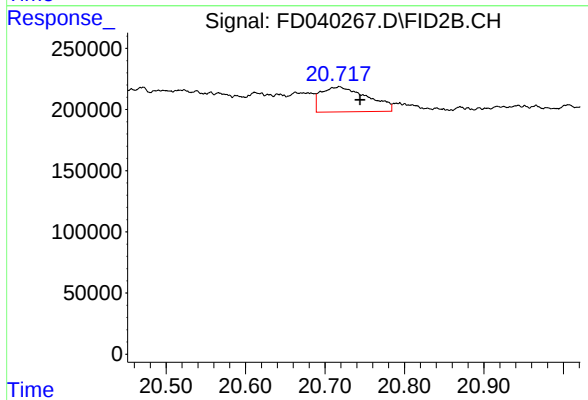
R.T.: 19.205 min
Delta R.T.: 0.002 min
Response: 195302
Conc: 1.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.894 min
Delta R.T.: -0.016 min
Response: 912138
Conc: 9.88 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.718 min
Delta R.T.: -0.026 min
Response: 829232
Conc: 10.65 ug/ml