

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040330.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 8:05
 Operator : AJ\MA
 Sample : M5255-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 08:21:57 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)	10.741	268677	1.725 ug/ml
Spiked Amount 50.000		Recovery =	3.45%
12) S 1-chlorooctadecane (S...	12.170	134155750	1112.415 ug/ml
Spiked Amount 50.000		Recovery =	2224.83%
Target Compounds			
1) T n-Nonane (C9)	2.623	69689	0.531 ug/ml
2) T n-Decane (C10)	3.661	115468	0.872 ug/ml
3) T A~Naphthalene (C11.7)	5.160	425536	2.884 ug/ml
4) T n-Dodecane (C12)	5.589	2061163	15.520 ug/ml
5) T A~2-methylnaphthalene...	6.242	310154	2.090 ug/ml
6) T n-Tetradecane (C14)	7.411	716027	5.179 ug/ml
7) T n-Hexadecane (C16)	8.954	3481000	25.387 ug/ml
8) T n-Octadecane (C18)	10.436	245283	1.737 ug/ml
10) T n-Eicosane (C20)	11.720	253755	1.815 ug/ml
11) T n-Heneicosane (C21)	12.304	1368505	9.672 ug/ml
13) T n-Docosane (C22)	12.925	305767	2.179 ug/ml
14) T n-Tetracosane (C24)	14.031	207084	1.475 ug/ml
15) T n-Hexacosane (C26)	15.019	37287	0.271 ug/ml
16) T n-Octacosane (C28)	15.977	392512	2.885 ug/ml
17) T n-Tricontane (C30)	16.887	188517	1.409 ug/ml
18) T n-Dotriacontane (C32)	17.687	199340	1.540 ug/ml
19) T n-Tetratriacontane (C34)	18.463	939792	7.751 ug/ml
20) T n-Hexatriacontane (C36)	19.206	1080097	10.135 ug/ml
21) T n-Octatriacontane (C38)	19.902	531936	5.760 ug/ml
22) T n-Tetracontane (C40)	20.765	138706	1.781 ug/ml

(f)=RT Delta > 1/2 Window

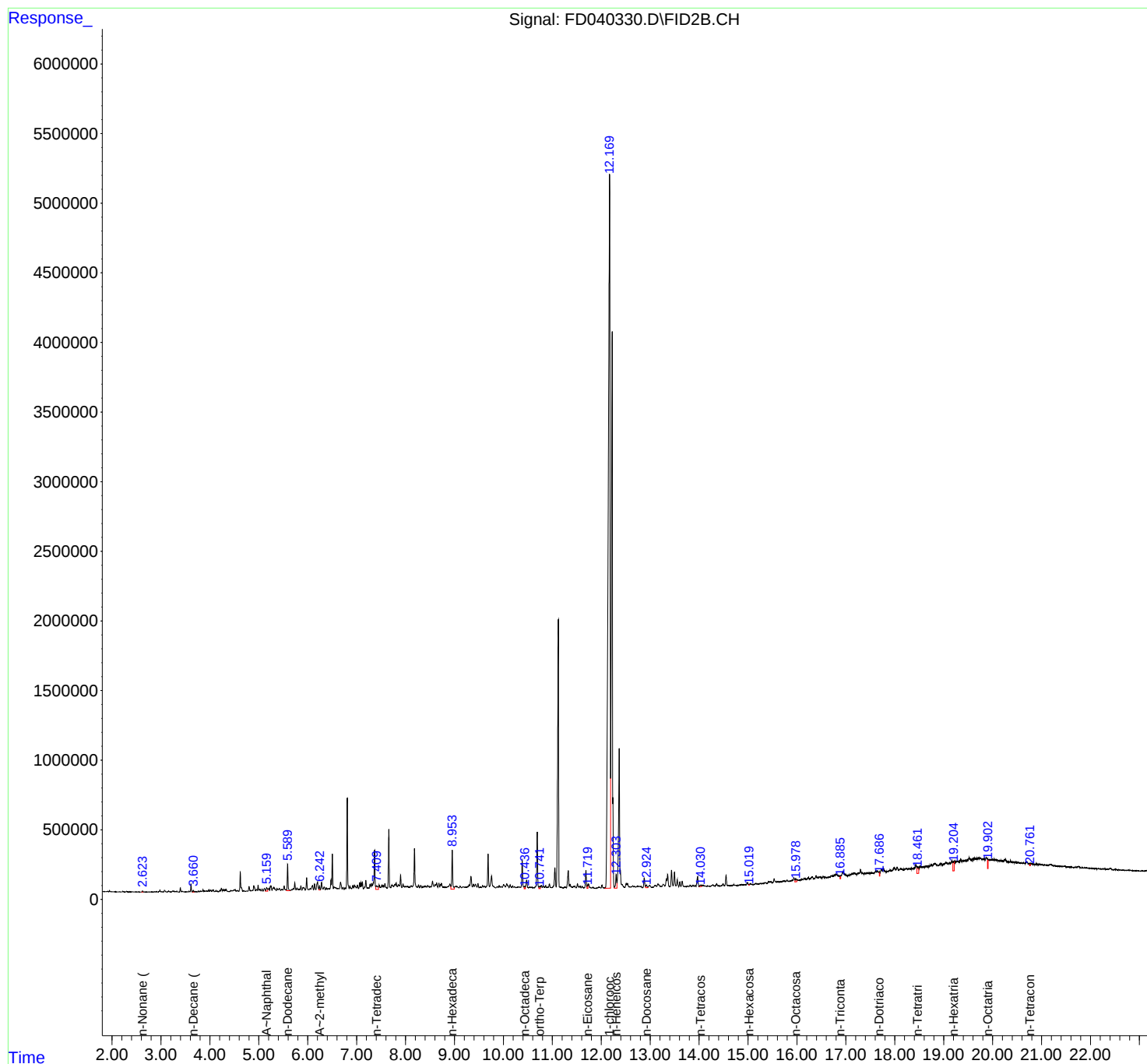
(m)=manual int.

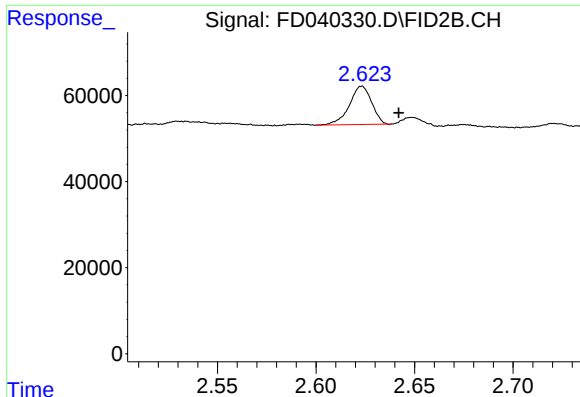
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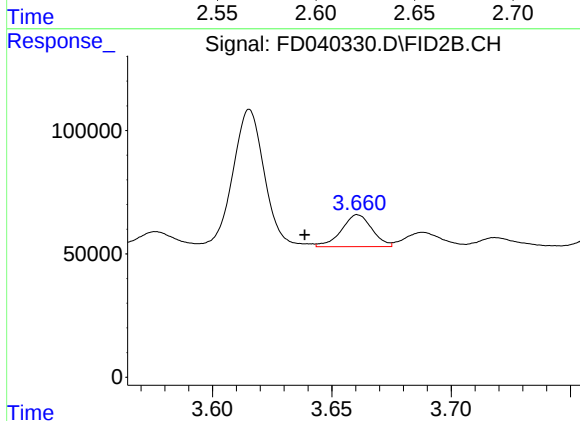




#1 n-Nonane (C9)

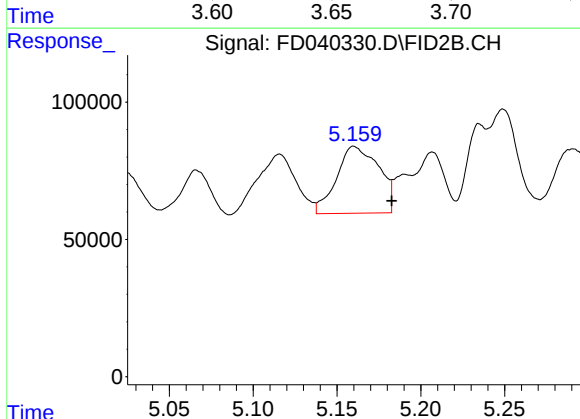
R.T.: 2.623 min
Delta R.T.: -0.019 min
Response: 69689
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



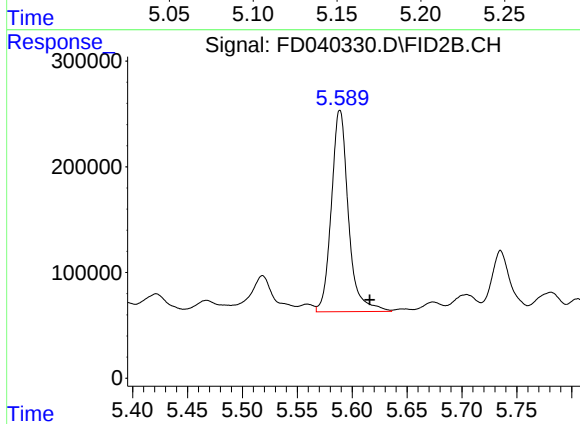
#2 n-Decane (C10)

R.T.: 3.661 min
Delta R.T.: 0.022 min
Response: 115468
Conc: 0.87 ug/ml



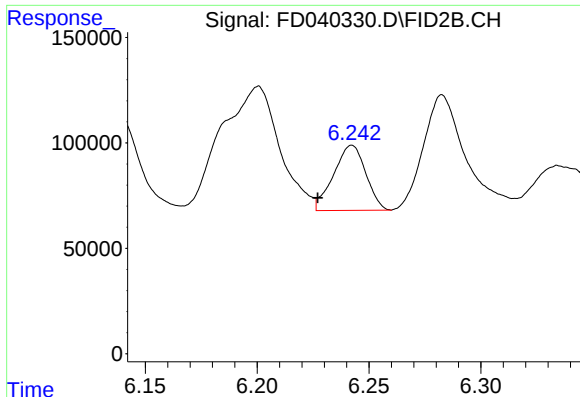
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.023 min
Response: 425536
Conc: 2.88 ug/ml



#4 n-Dodecane (C12)

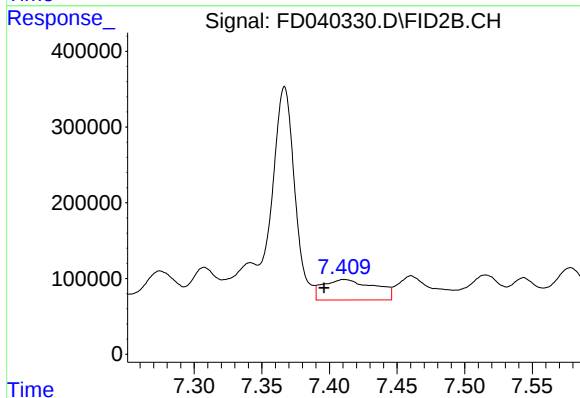
R.T.: 5.589 min
Delta R.T.: -0.027 min
Response: 2061163
Conc: 15.52 ug/ml



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

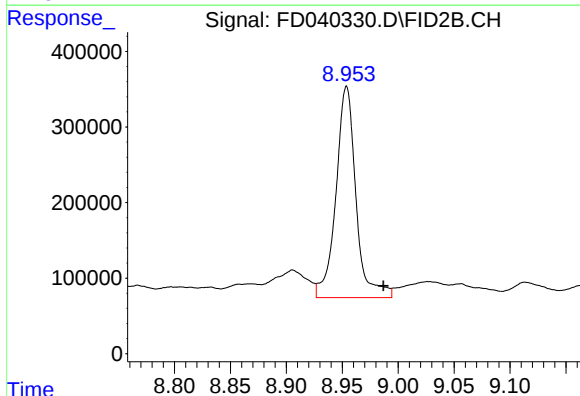
R.T.: 6.242 min
Delta R.T.: 0.015 min
Response: 310154
Conc: 2.09 ug/ml

Instrument :
FID_D
ClientSampleId :



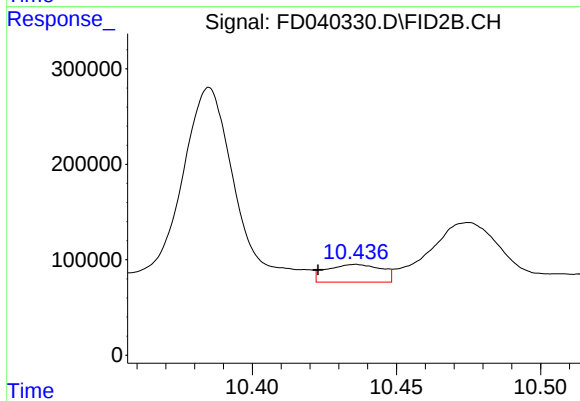
#6 n-Tetradecane (C14)

R.T.: 7.411 min
Delta R.T.: 0.015 min
Response: 716027
Conc: 5.18 ug/ml



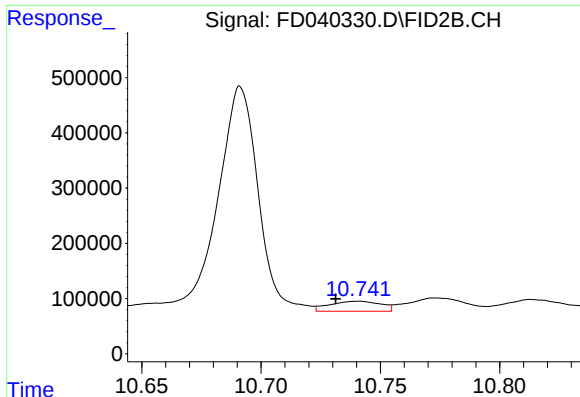
#7 n-Hexadecane (C16)

R.T.: 8.954 min
Delta R.T.: -0.033 min
Response: 3481000
Conc: 25.39 ug/ml



#8 n-Octadecane (C18)

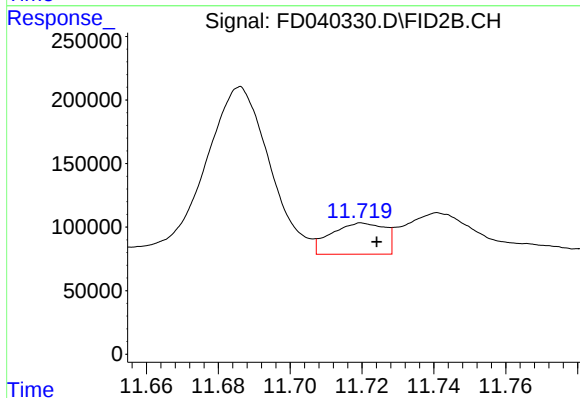
R.T.: 10.436 min
Delta R.T.: 0.013 min
Response: 245283
Conc: 1.74 ug/ml



#9 ortho-Terphenyl (SURR)

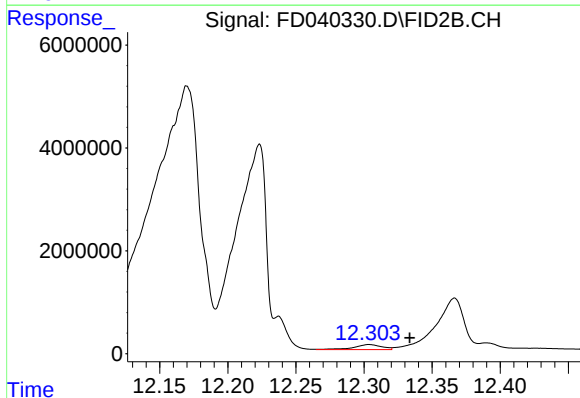
R.T.: 10.741 min
Delta R.T.: 0.009 min
Response: 268677
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :



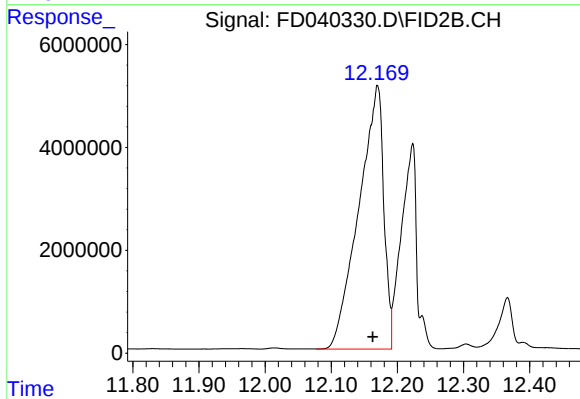
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: -0.004 min
Response: 253755
Conc: 1.82 ug/ml



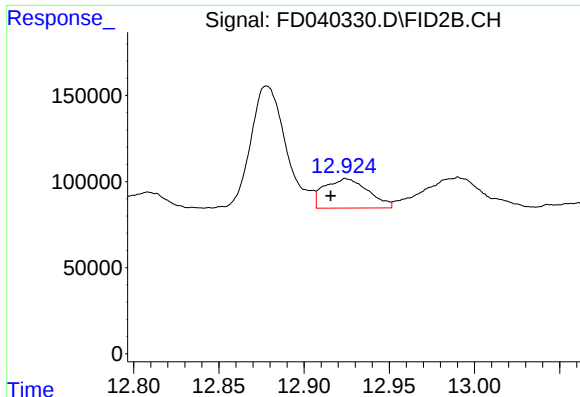
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.030 min
Response: 1368505
Conc: 9.67 ug/ml



#12 1-chlorooctadecane (SURR)

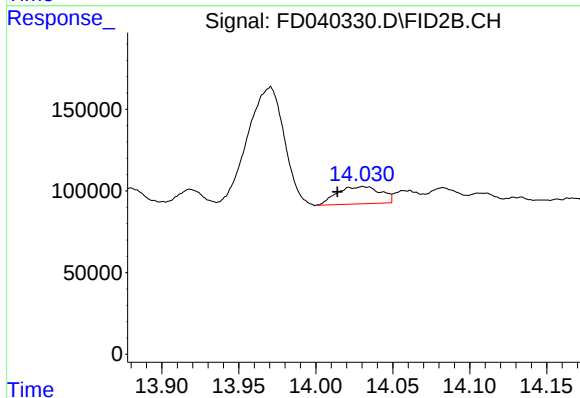
R.T.: 12.170 min
Delta R.T.: 0.007 min
Response: 134155750
Conc: 1112.42 ug/ml



#13 n-Docosane (C22)

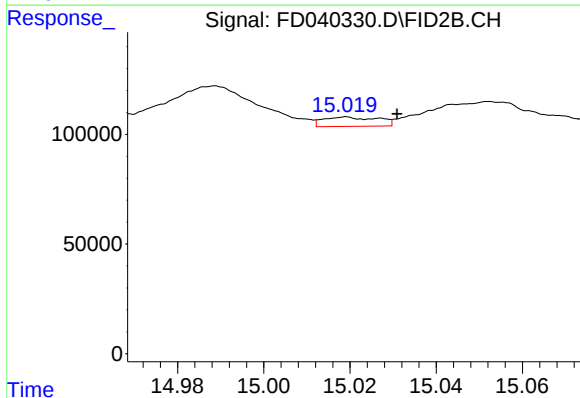
R.T.: 12.925 min
Delta R.T.: 0.009 min
Response: 305767
Conc: 2.18 ug/ml

Instrument :
FID_D
ClientSampleId :



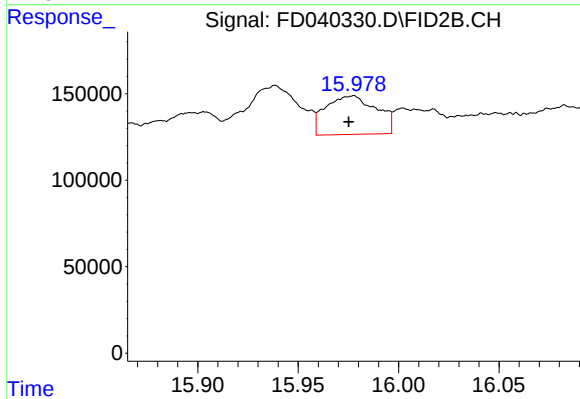
#14 n-Tetracosane (C24)

R.T.: 14.031 min
Delta R.T.: 0.017 min
Response: 207084
Conc: 1.47 ug/ml



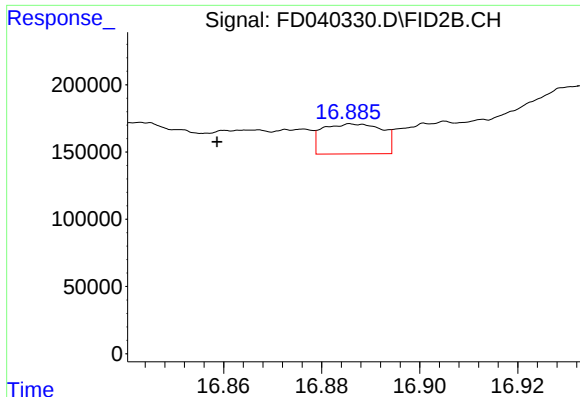
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.012 min
Response: 37287
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

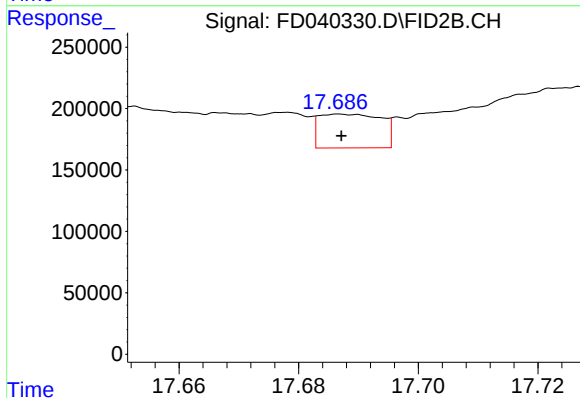
R.T.: 15.977 min
Delta R.T.: 0.002 min
Response: 392512
Conc: 2.89 ug/ml



#17 n-Tricontane (C30)

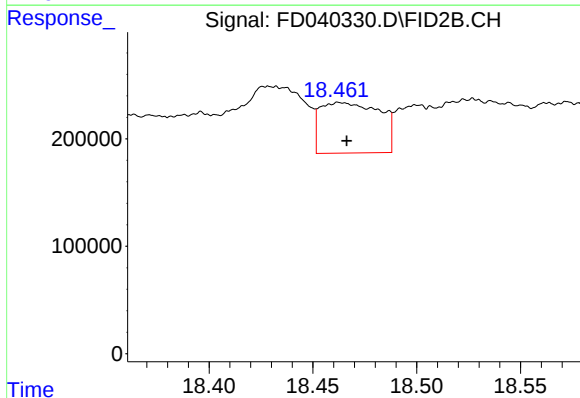
R.T.: 16.887 min
Delta R.T.: 0.028 min
Response: 188517
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



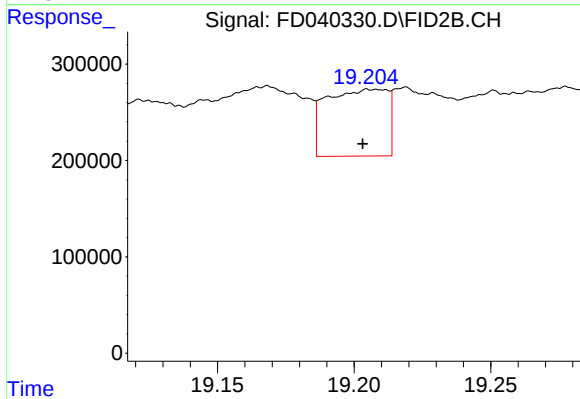
#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.000 min
Response: 199340
Conc: 1.54 ug/ml



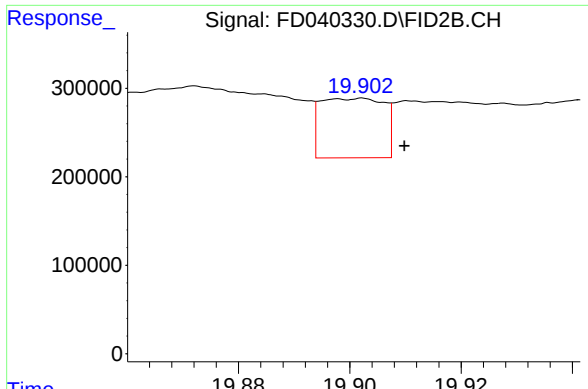
#19 n-Tetratriacontane (C34)

R.T.: 18.463 min
Delta R.T.: -0.003 min
Response: 939792
Conc: 7.75 ug/ml



#20 n-Hexatriacontane (C36)

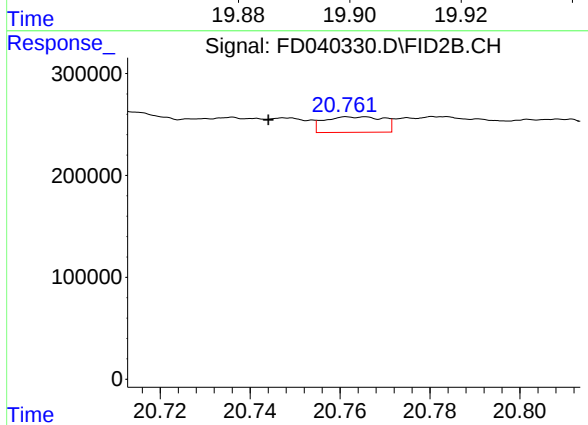
R.T.: 19.206 min
Delta R.T.: 0.003 min
Response: 1080097
Conc: 10.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.902 min
Delta R.T.: -0.008 min
Response: 531936
Conc: 5.76 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.765 min
Delta R.T.: 0.021 min
Response: 138706
Conc: 1.78 ug/ml