

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040332.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 9:13
 Operator : AJ\MA
 Sample : M5255-02
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 21:33:28 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	202674	1.301 ug/ml
Spiked Amount 50.000		Recovery =	2.60%
12) S 1-chlorooctadecane (S...	12.181	167611869	1389.832 ug/ml
Spiked Amount 50.000		Recovery =	2779.66%
Target Compounds			
1) T n-Nonane (C9)	2.622	66284	0.505 ug/ml
2) T n-Decane (C10)	3.660	90905	0.687 ug/ml
3) T A~Naphthalene (C11.7)	5.160	389280	2.638 ug/ml
4) T n-Dodecane (C12)	5.589	1744491	13.135 ug/ml
5) T A~2-methylnaphthalene...	6.242	330115	2.225 ug/ml
6) T n-Tetradecane (C14)	7.411	488713	3.535 ug/ml
7) T n-Hexadecane (C16)	8.954	2560086	18.671 ug/ml
8) T n-Octadecane (C18)	10.437	220213	1.559 ug/ml
10) T n-Eicosane (C20)	11.724	352654	2.522 ug/ml
11) T n-Heneicosane (C21)	12.309	1138451	8.046 ug/ml
13) T n-Docosane (C22)	12.926	529339	3.772 ug/ml
14) T n-Tetracosane (C24)	14.037	267987	1.909 ug/ml
15) T n-Hexacosane (C26)	15.021	25945	0.189 ug/ml
16) T n-Octacosane (C28)	15.975	221384	1.627 ug/ml
17) T n-Tricontane (C30)	16.900	288655	2.157 ug/ml
18) T n-Dotriacontane (C32)	17.682	309266	2.389 ug/ml
19) T n-Tetratriacontane (C34)	18.467	428565	3.535 ug/ml
20) T n-Hexatriacontane (C36)	19.209	1696948	15.923 ug/ml
21) T n-Octatriacontane (C38)	19.900	1151690	12.471 ug/ml
22) T n-Tetracontane (C40)	20.768	180395	2.317 ug/ml

(f)=RT Delta > 1/2 Window

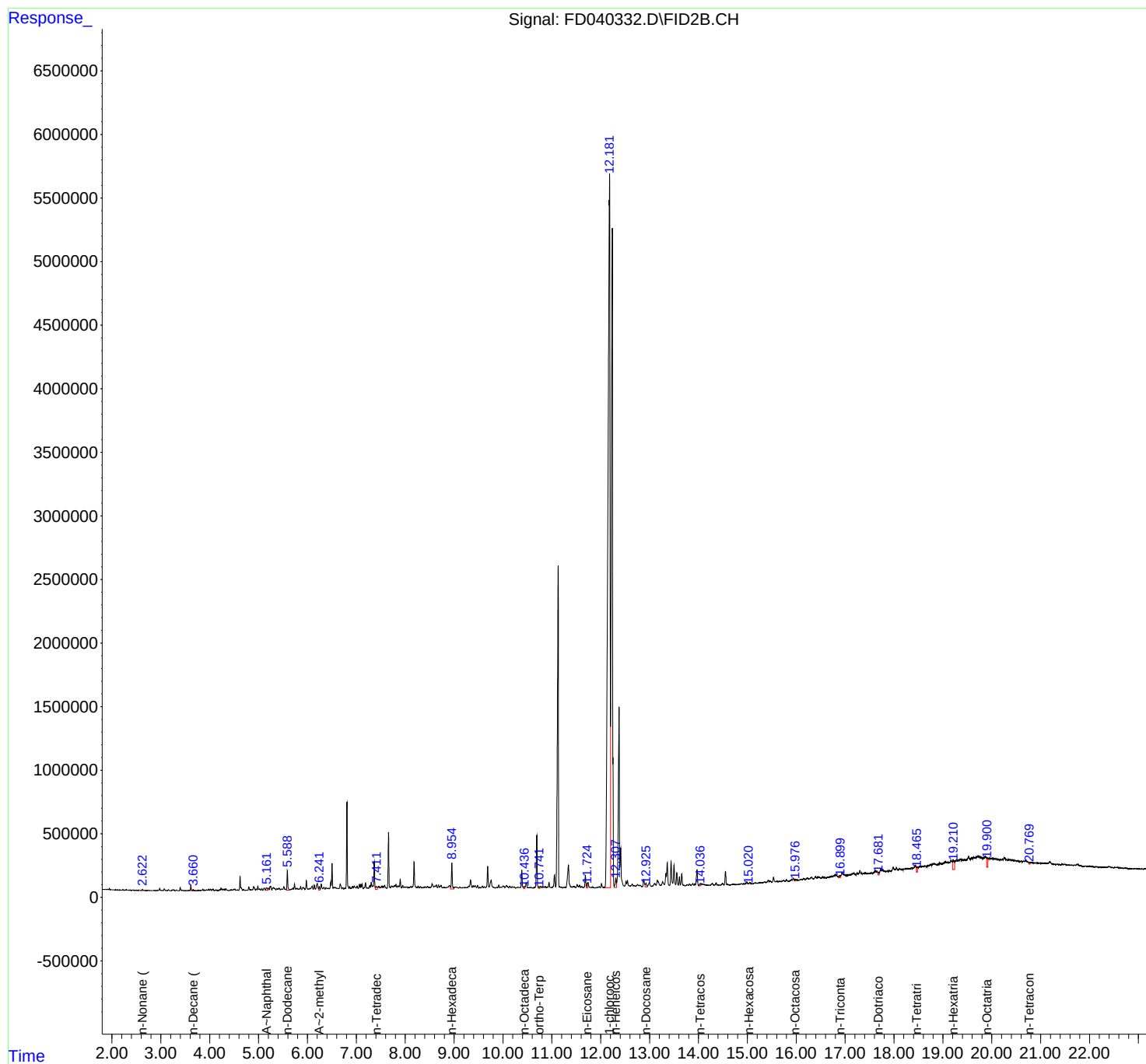
(m)=manual int.

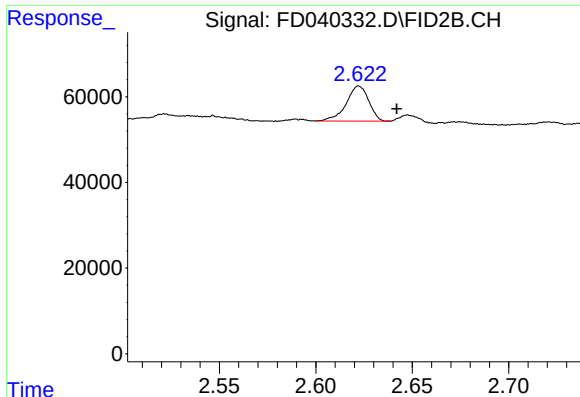
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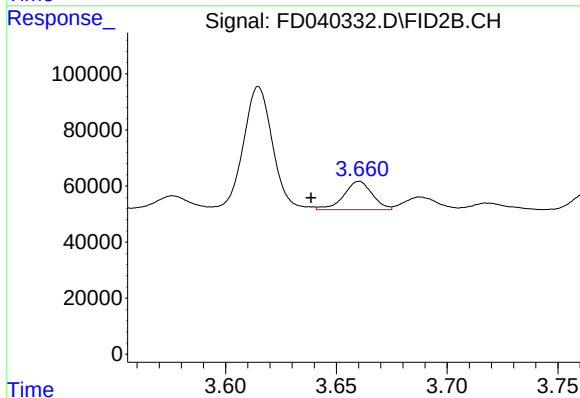




#1 n-Nonane (C9)

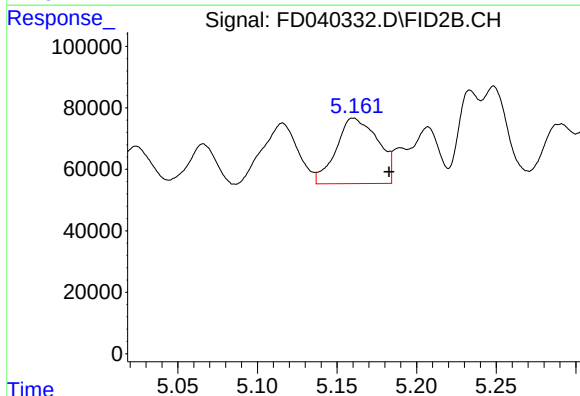
R.T.: 2.622 min
Delta R.T.: -0.020 min
Response: 66284
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



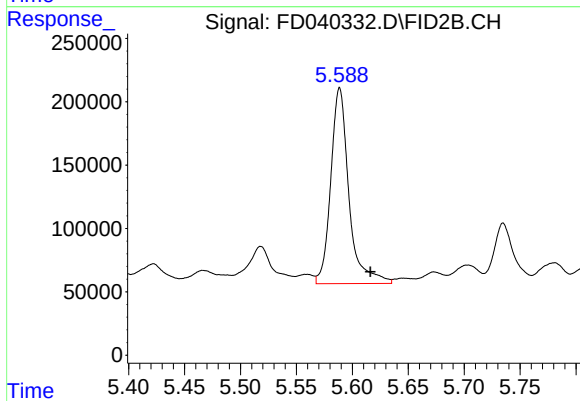
#2 n-Decane (C10)

R.T.: 3.660 min
Delta R.T.: 0.022 min
Response: 90905
Conc: 0.69 ug/ml



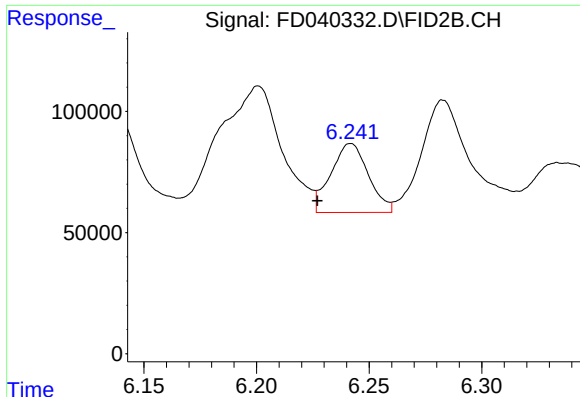
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.022 min
Response: 389280
Conc: 2.64 ug/ml



#4 n-Dodecane (C12)

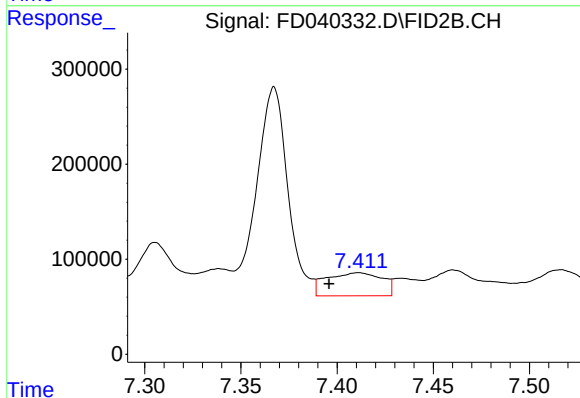
R.T.: 5.589 min
Delta R.T.: -0.027 min
Response: 1744491
Conc: 13.14 ug/ml



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

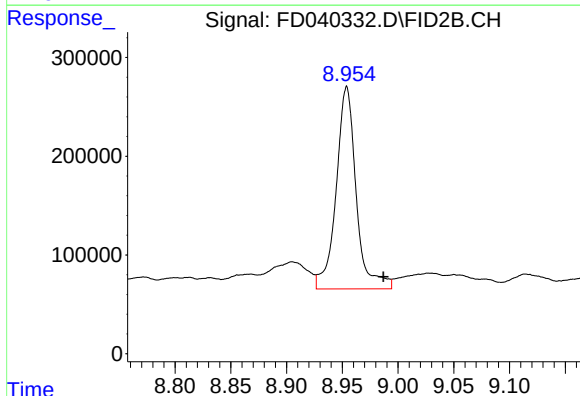
R.T.: 6.242 min
Delta R.T.: 0.015 min
Response: 330115
Conc: 2.22 ug/ml

Instrument :
FID_D
ClientSampleId :



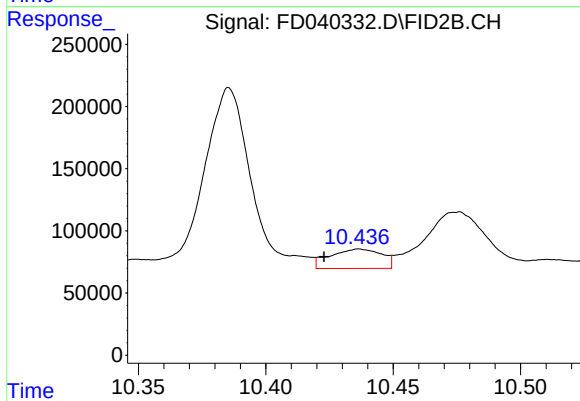
#6 n-Tetradecane (C14)

R.T.: 7.411 min
Delta R.T.: 0.015 min
Response: 488713
Conc: 3.53 ug/ml



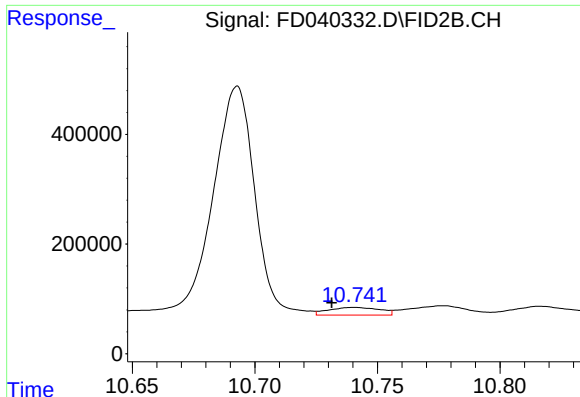
#7 n-Hexadecane (C16)

R.T.: 8.954 min
Delta R.T.: -0.033 min
Response: 2560086
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

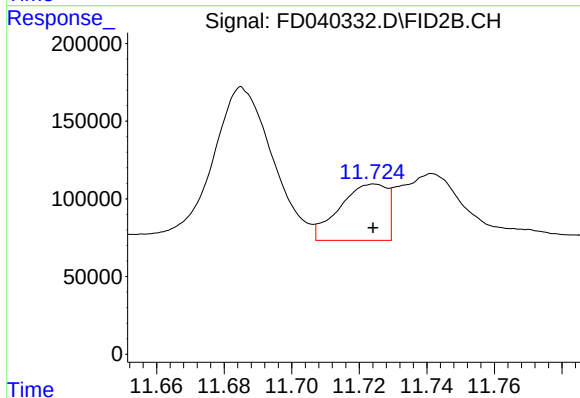
R.T.: 10.437 min
Delta R.T.: 0.014 min
Response: 220213
Conc: 1.56 ug/ml



#9 ortho-Terphenyl (SURR)

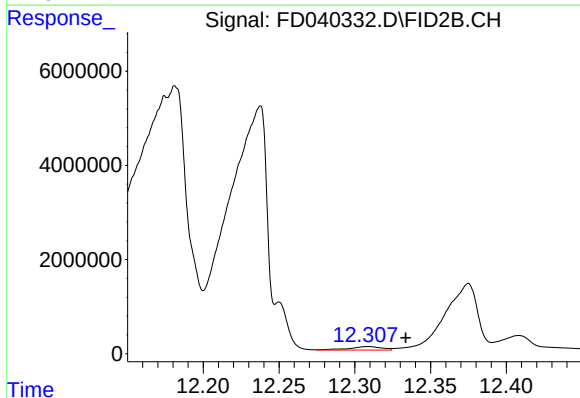
R.T.: 10.741 min
Delta R.T.: 0.009 min
Response: 202674
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



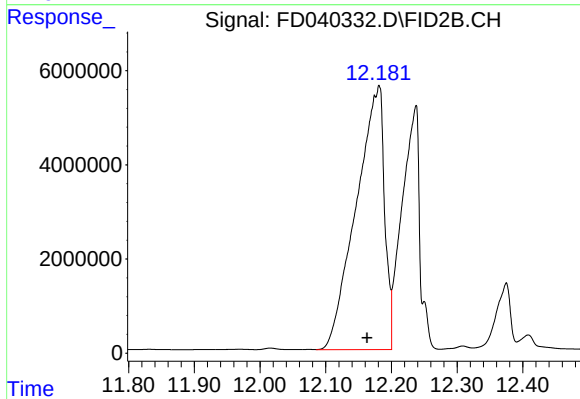
#10 n-Eicosane (C20)

R.T.: 11.724 min
Delta R.T.: 0.000 min
Response: 352654
Conc: 2.52 ug/ml



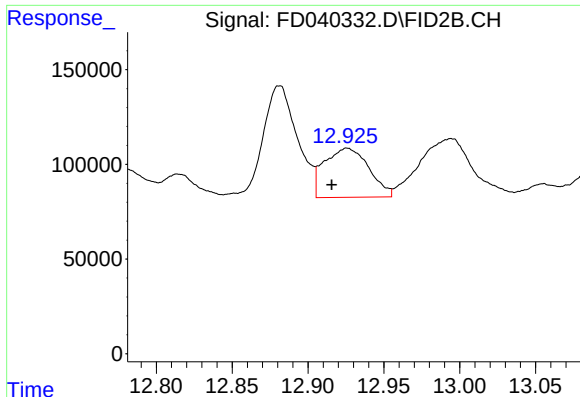
#11 n-Heneicosane (C21)

R.T.: 12.309 min
Delta R.T.: -0.025 min
Response: 1138451
Conc: 8.05 ug/ml



#12 1-chlorooctadecane (SURR)

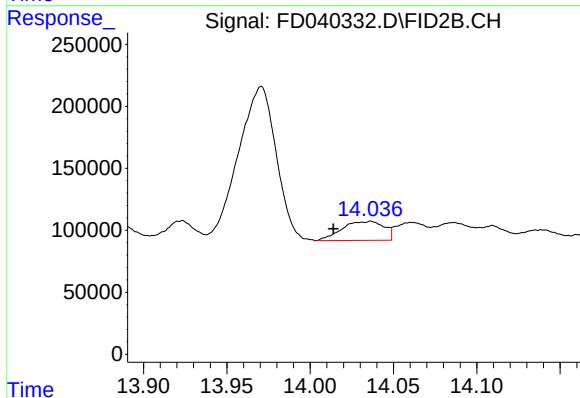
R.T.: 12.181 min
Delta R.T.: 0.019 min
Response: 167611869
Conc: 1389.83 ug/ml



#13 n-Docosane (C22)

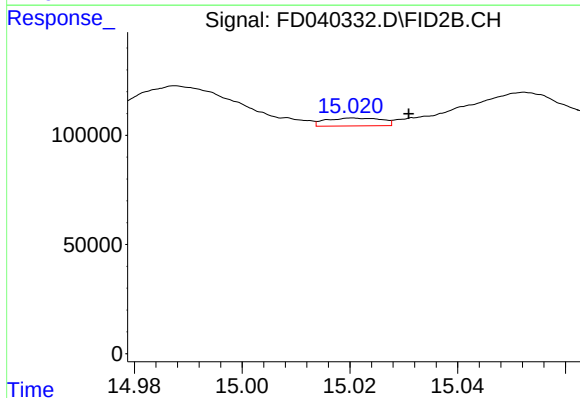
R.T.: 12.926 min
Delta R.T.: 0.010 min
Response: 529339
Conc: 3.77 ug/ml

Instrument :
FID_D
ClientSampleId :



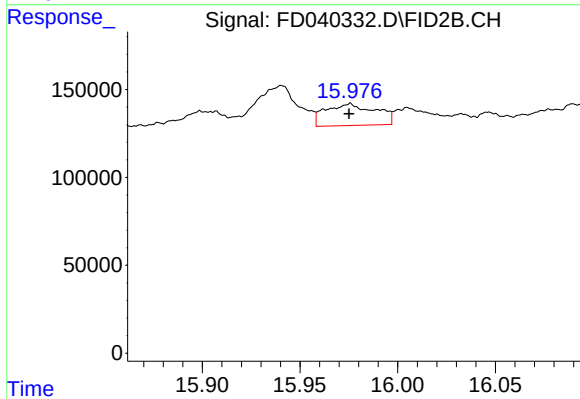
#14 n-Tetracosane (C24)

R.T.: 14.037 min
Delta R.T.: 0.022 min
Response: 267987
Conc: 1.91 ug/ml



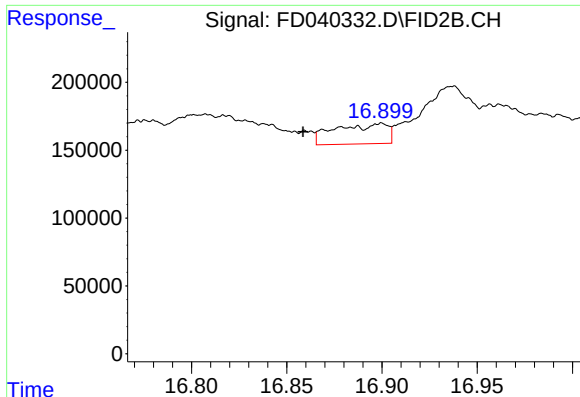
#15 n-Hexacosane (C26)

R.T.: 15.021 min
Delta R.T.: -0.010 min
Response: 25945
Conc: 0.19 ug/ml



#16 n-Octacosane (C28)

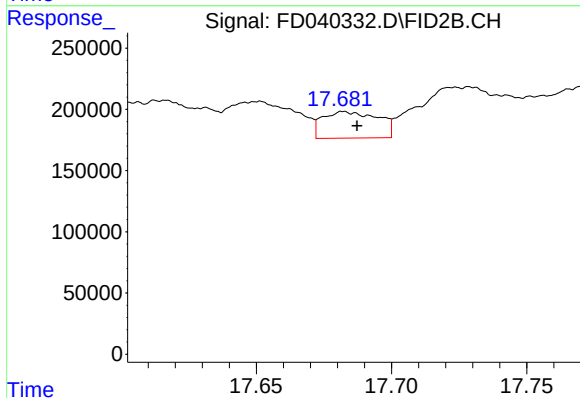
R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 221384
Conc: 1.63 ug/ml



#17 n-Tricontane (C30)

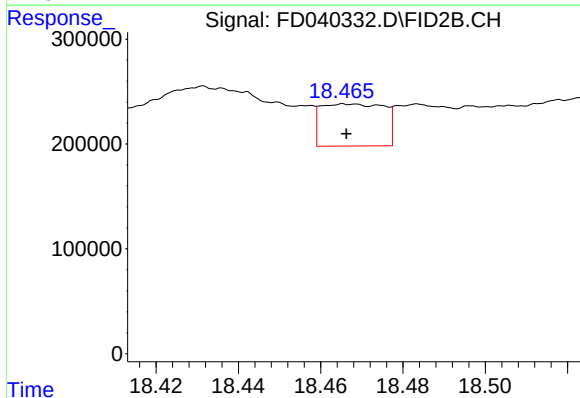
R.T.: 16.900 min
Delta R.T.: 0.041 min
Response: 288655
Conc: 2.16 ug/ml

Instrument :
FID_D
ClientSampleId :



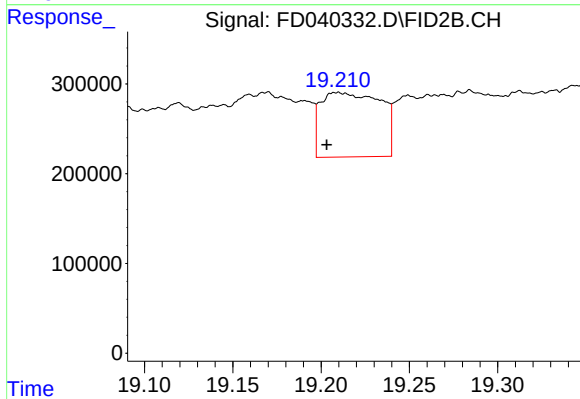
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: -0.005 min
Response: 309266
Conc: 2.39 ug/ml



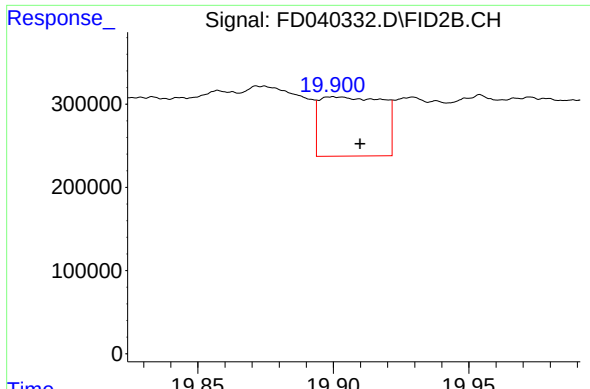
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 428565
Conc: 3.53 ug/ml



#20 n-Hexatriacontane (C36)

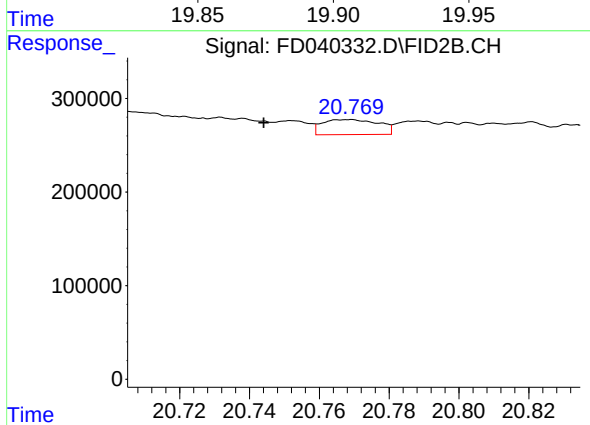
R.T.: 19.209 min
Delta R.T.: 0.006 min
Response: 1696948
Conc: 15.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.900 min
Delta R.T.: -0.010 min
Response: 1151690
Conc: 12.47 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.768 min
Delta R.T.: 0.024 min
Response: 180395
Conc: 2.32 ug/ml