

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040271.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 22:19
 Operator : AJ\MA
 Sample : M5241-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:50:32 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)	10.716	6187490	39.718 ug/ml
Spiked Amount 50.000		Recovery =	79.44%
12) S 1-chlorooctadecane (S...	12.151	4941747	40.977 ug/ml
Spiked Amount 50.000		Recovery =	81.95%
Target Compounds			
1) T n-Nonane (C9)	2.633	49255	0.375 ug/ml
2) T n-Decane (C10)	3.630	56700	0.428 ug/ml
3) T A~Naphthalene (C11.7)	5.174	151078	1.024 ug/ml
4) T n-Dodecane (C12)	5.604	35854	0.270 ug/ml
5) T A~2-methylnaphthalene...	6.214	235126	1.585 ug/ml
6) T n-Tetradecane (C14)	7.383	93500	0.676 ug/ml
7) T n-Hexadecane (C16)	9.001	65181	0.475 ug/ml
8) T n-Octadecane (C18)	10.405	184385	1.306 ug/ml
10) T n-Eicosane (C20)	11.708	276834	1.980 ug/ml
11) T n-Heneicosane (C21)	12.317	337841	2.388 ug/ml
13) T n-Docosane (C22)	12.898	373522	2.662 ug/ml
14) T n-Tetracosane (C24)	13.995	203403	1.449 ug/ml
15) T n-Hexacosane (C26)	15.011	190525	1.386 ug/ml
16) T n-Octacosane (C28)	15.963	259467	1.907 ug/ml
17) T n-Tricontane (C30)	16.840	177981	1.330 ug/ml
18) T n-Dotriacontane (C32)	17.668	238246	1.841 ug/ml
19) T n-Tetratriacontane (C34)	18.449	238315	1.966 ug/ml
20) T n-Hexatriacontane (C36)	19.185	95404	0.895 ug/ml
22) T n-Tetracontane (C40)	20.720	109490	1.406 ug/ml

(f)=RT Delta > 1/2 Window

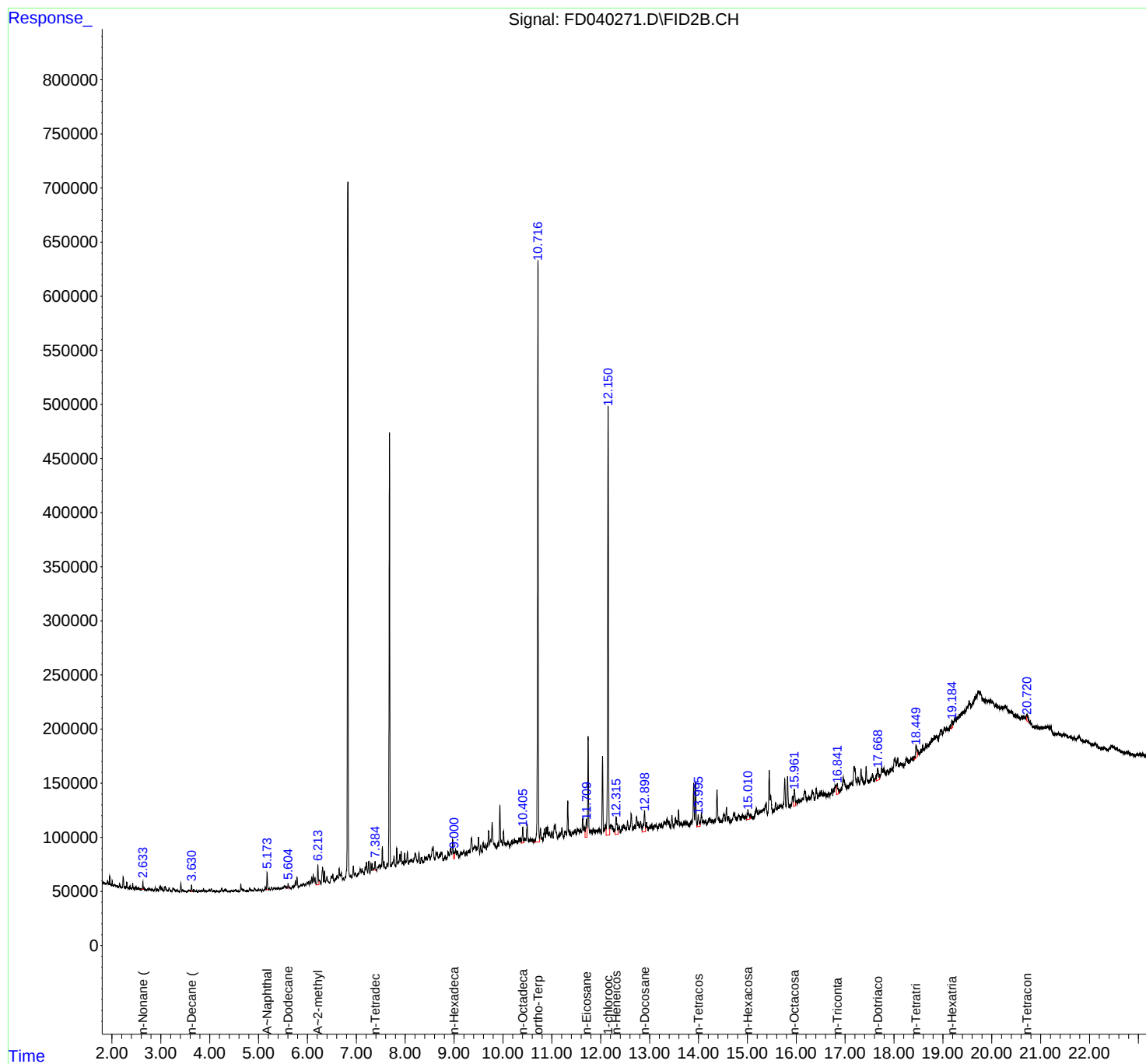
(m)=manual int.

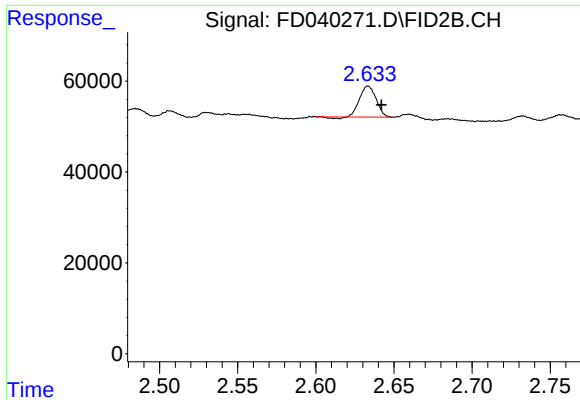
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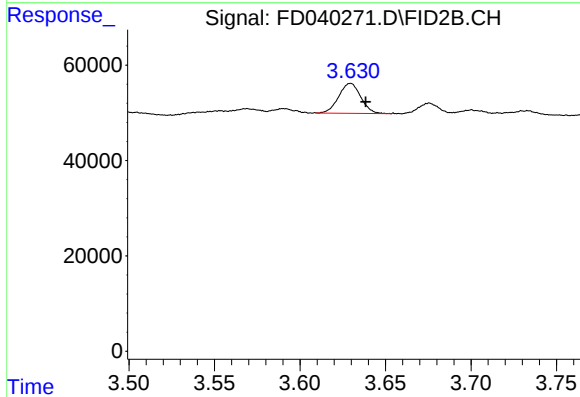




#1 n-Nonane (C9)

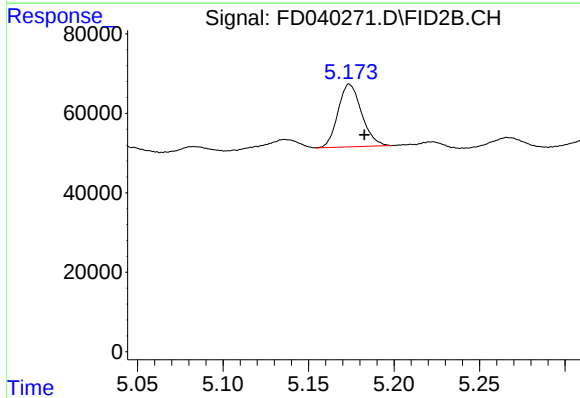
R.T.: 2.633 min
Delta R.T.: -0.009 min
Response: 49255
Conc: 0.38 ug/ml

Instrument :
FID_D
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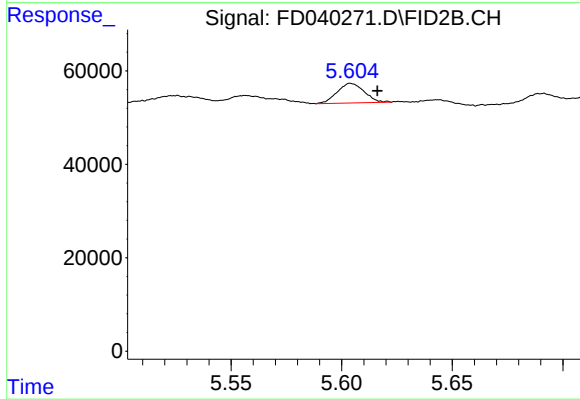
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.009 min
Response: 56700
Conc: 0.43 ug/ml



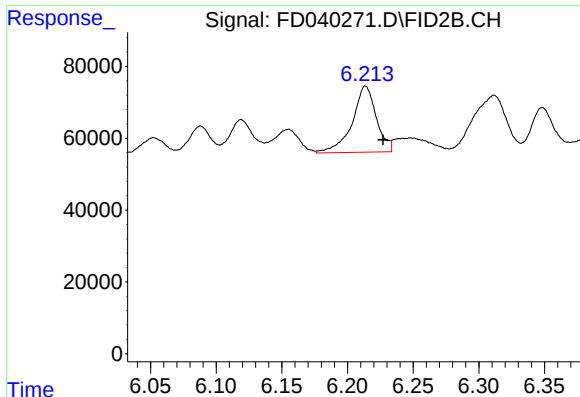
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 151078
Conc: 1.02 ug/ml



#4 n-Dodecane (C12)

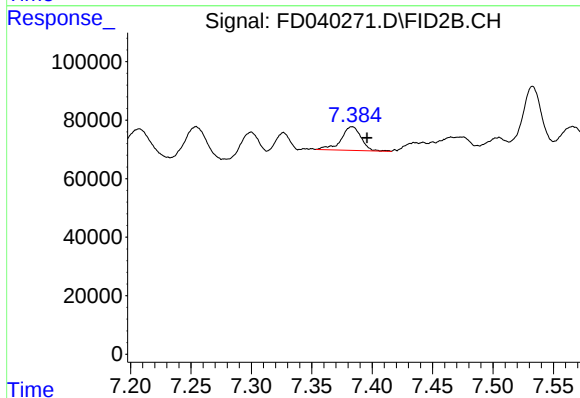
R.T.: 5.604 min
Delta R.T.: -0.012 min
Response: 35854
Conc: 0.27 ug/ml



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

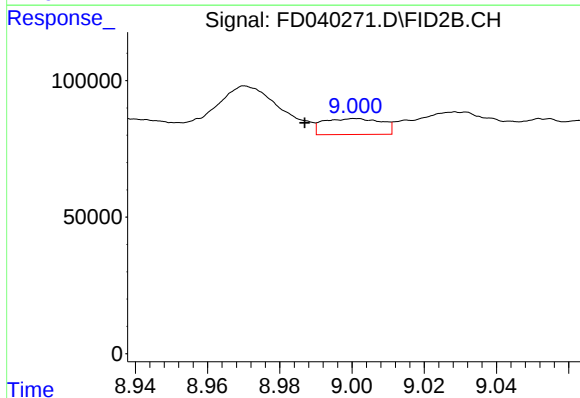
R.T.: 6.214 min
Delta R.T.: -0.013 min
Response: 235126
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :



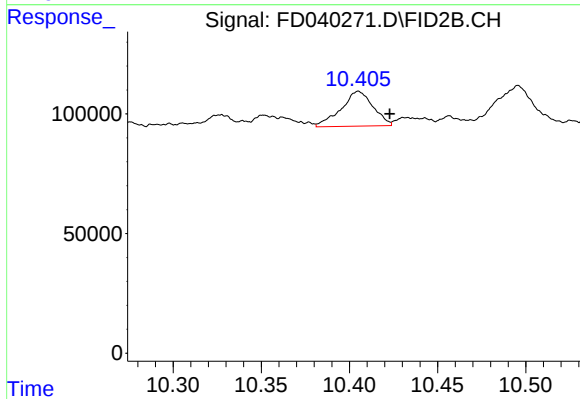
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.012 min
Response: 93500
Conc: 0.68 ug/ml



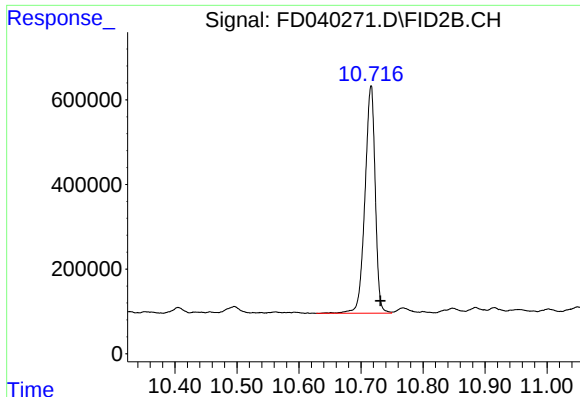
#7 n-Hexadecane (C16)

R.T.: 9.001 min
Delta R.T.: 0.014 min
Response: 65181
Conc: 0.48 ug/ml



#8 n-Octadecane (C18)

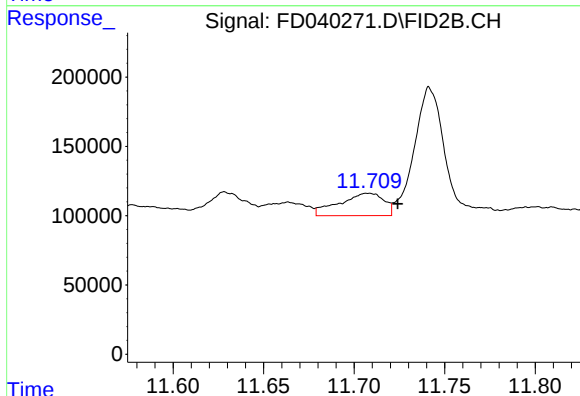
R.T.: 10.405 min
Delta R.T.: -0.018 min
Response: 184385
Conc: 1.31 ug/ml



#9 ortho-Terphenyl (SURR)

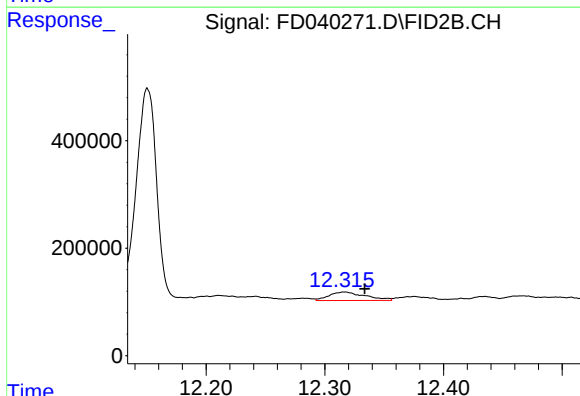
R.T.: 10.716 min
Delta R.T.: -0.015 min
Response: 6187490
Conc: 39.72 ug/ml

Instrument :
FID_D
ClientSampleId :



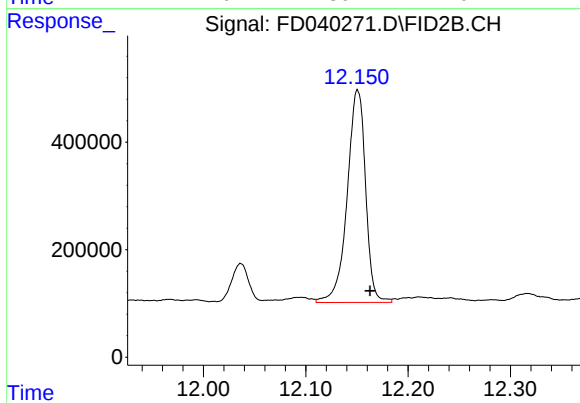
#10 n-Eicosane (C20)

R.T.: 11.708 min
Delta R.T.: -0.016 min
Response: 276834
Conc: 1.98 ug/ml



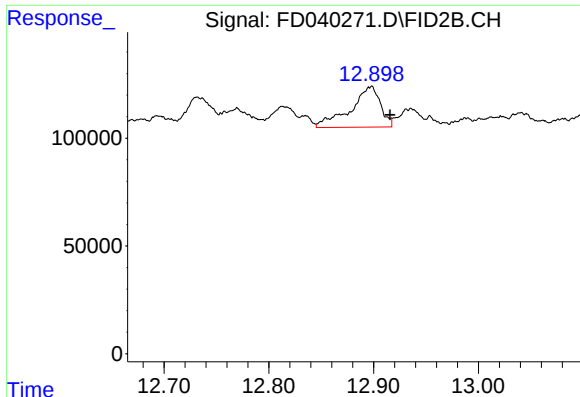
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.017 min
Response: 337841
Conc: 2.39 ug/ml



#12 1-chlorooctadecane (SURR)

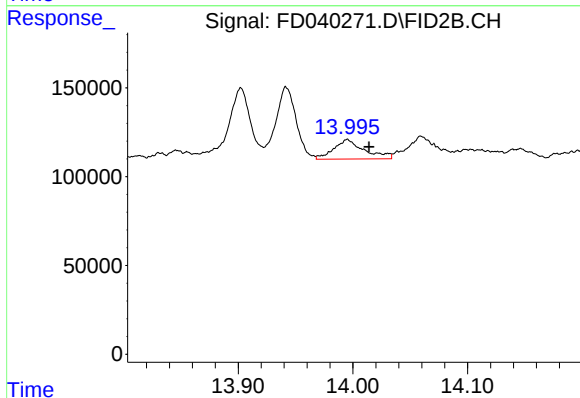
R.T.: 12.151 min
Delta R.T.: -0.012 min
Response: 4941747
Conc: 40.98 ug/ml



#13 n-Docosane (C22)

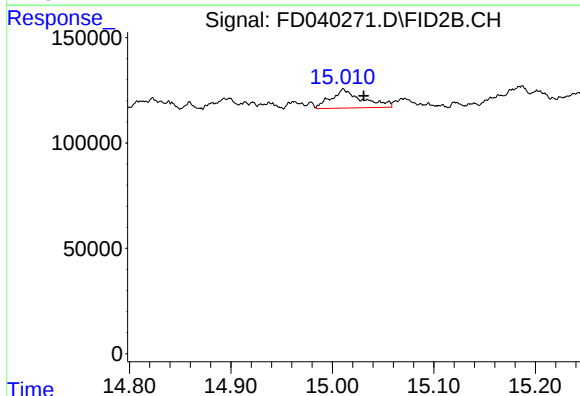
R.T.: 12.898 min
Delta R.T.: -0.018 min
Response: 373522
Conc: 2.66 ug/ml

Instrument :
FID_D
ClientSampleId :



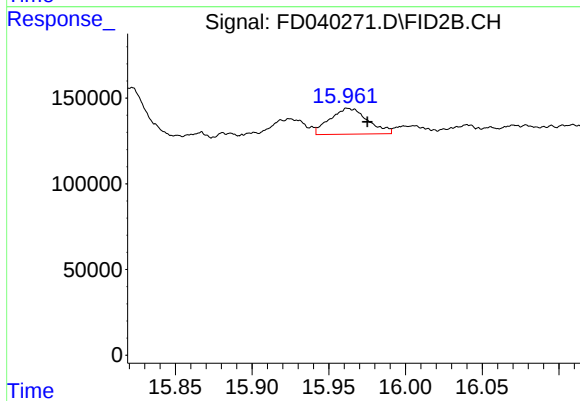
#14 n-Tetracosane (C24)

R.T.: 13.995 min
Delta R.T.: -0.019 min
Response: 203403
Conc: 1.45 ug/ml



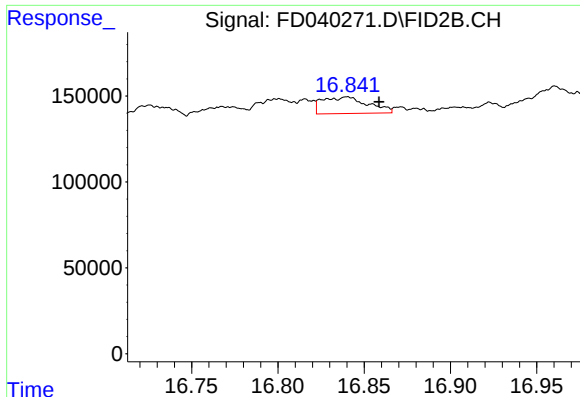
#15 n-Hexacosane (C26)

R.T.: 15.011 min
Delta R.T.: -0.020 min
Response: 190525
Conc: 1.39 ug/ml



#16 n-Octacosane (C28)

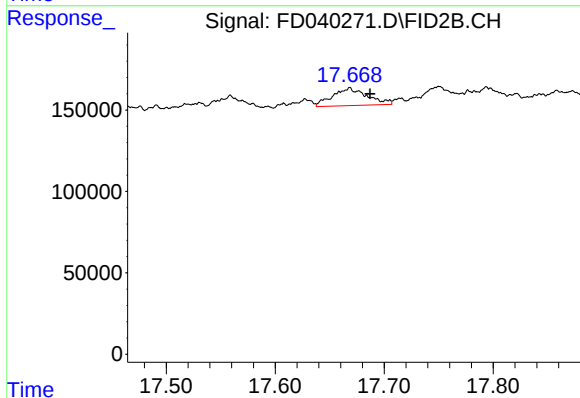
R.T.: 15.963 min
Delta R.T.: -0.013 min
Response: 259467
Conc: 1.91 ug/ml



#17 n-Tricontane (C30)

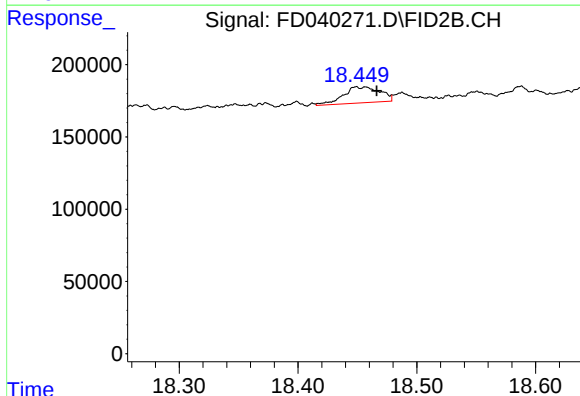
R.T.: 16.840 min
Delta R.T.: -0.019 min
Response: 177981
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



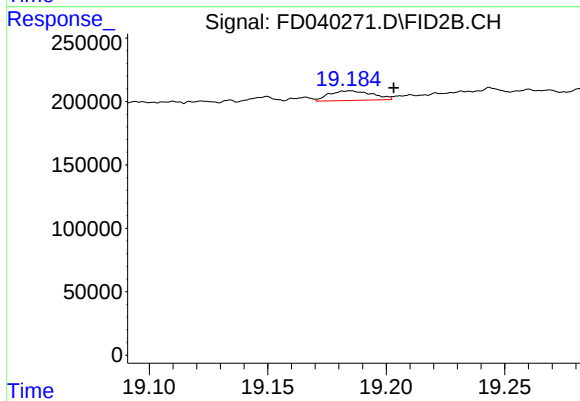
#18 n-Dotriacontane (C32)

R.T.: 17.668 min
Delta R.T.: -0.019 min
Response: 238246
Conc: 1.84 ug/ml



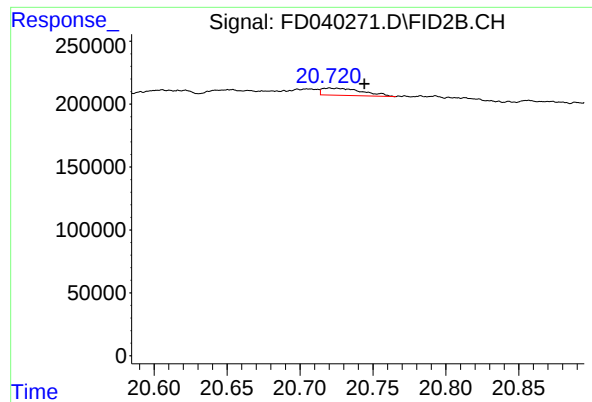
#19 n-Tetratriacontane (C34)

R.T.: 18.449 min
Delta R.T.: -0.018 min
Response: 238315
Conc: 1.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.019 min
Response: 95404
Conc: 0.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.720 min
Delta R.T.: -0.024 min
Response: 109490
Conc: 1.41 ug/ml

Instrument :

FID_D

ClientSampleId :