

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040266.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 19:30
 Operator : AJ\MA
 Sample : M5241-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:48:52 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)	10.734	30586553	196.336 ug/ml
Spiked Amount 50.000		Recovery =	392.67%
12) S 1-chlorooctadecane (S...	12.171	30192573	250.356 ug/ml
Spiked Amount 50.000		Recovery =	500.71%
Target Compounds			
1) T n-Nonane (C9)	2.634	97007	0.739 ug/ml
2) T n-Decane (C10)	3.627	554976	4.193 ug/ml
3) T A~Naphthalene (C11.7)	5.181	2898430	19.643 ug/ml
4) T n-Dodecane (C12)	5.627	1096715	8.258 ug/ml
5) T A~2-methylnaphthalene...	6.211	5306124	35.758 ug/ml
6) T n-Tetradecane (C14)	7.369	17828448	128.956 ug/ml
7) T n-Hexadecane (C16)	8.988	11983151	87.394 ug/ml
8) T n-Octadecane (C18)	10.419	16742047	118.556 ug/ml
10) T n-Eicosane (C20)	11.731	22572594	161.457 ug/ml
11) T n-Heneicosane (C21)	12.349	22150705	156.557 ug/ml
13) T n-Docosane (C22)	12.923	18444842	131.429 ug/ml
14) T n-Tetracosane (C24)	14.009	7020143	49.999 ug/ml
15) T n-Hexacosane (C26)	15.020	5283703	38.425 ug/ml
16) T n-Octacosane (C28)	15.972	4287511	31.518 ug/ml
17) T n-Tricontane (C30)	16.829	1138590	8.508 ug/ml
18) T n-Dotriacontane (C32)	17.662	347107	2.682 ug/ml
19) T n-Tetratriacontane (C34)	18.455	597120	4.925 ug/ml
20) T n-Hexatriacontane (C36)	19.181	381181	3.577 ug/ml
21) T n-Octatriacontane (C38)	19.943	158672	1.718 ug/ml
22) T n-Tetracontane (C40)	20.712	193666	2.487 ug/ml

(f)=RT Delta > 1/2 Window

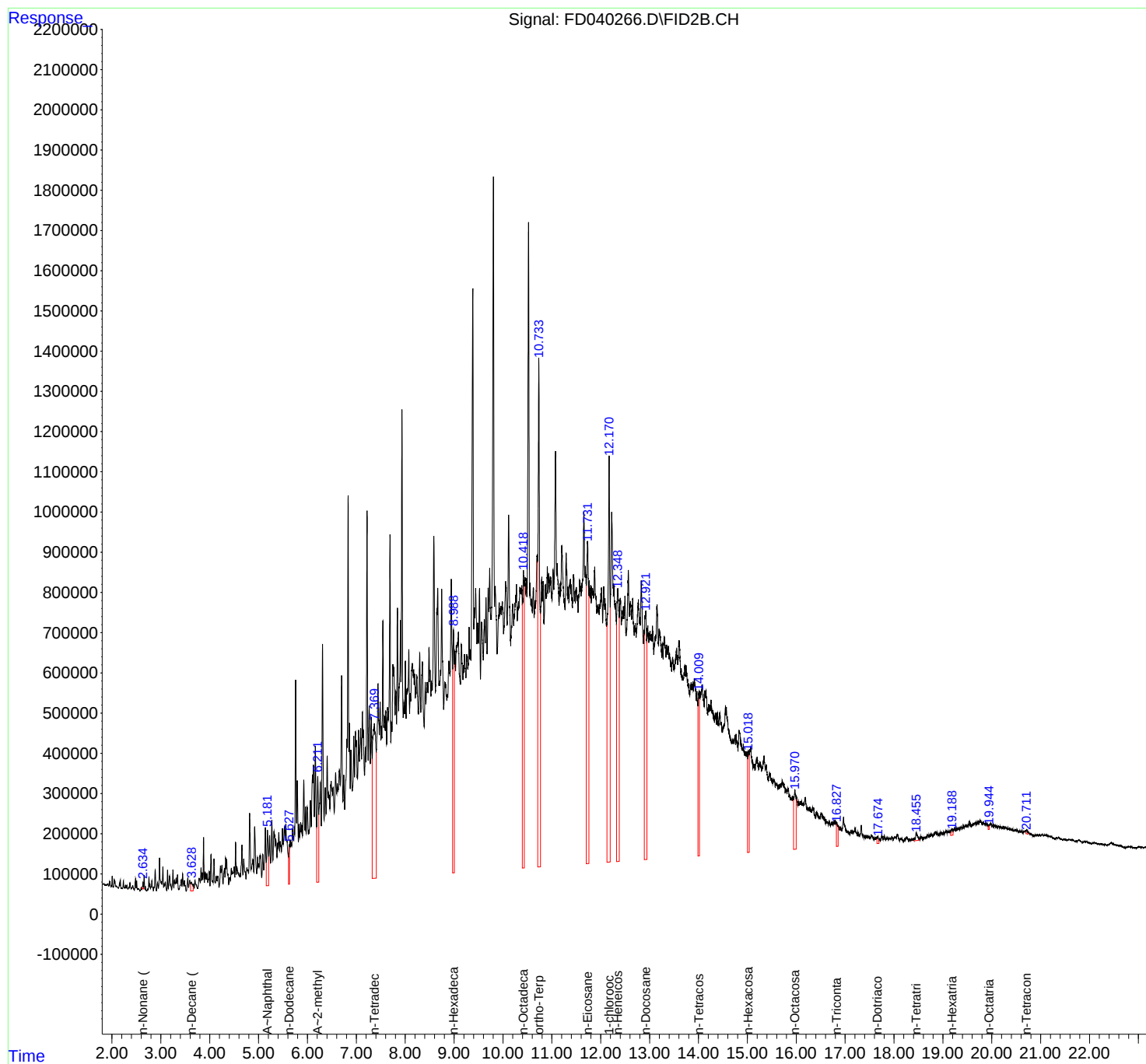
(m)=manual int.

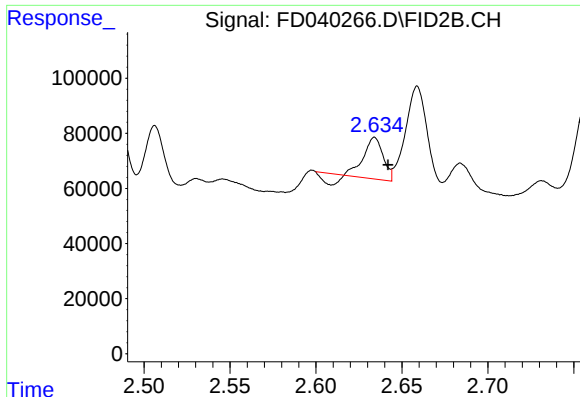
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
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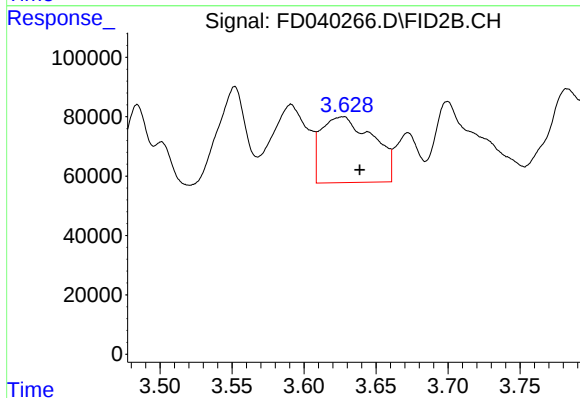




#1 n-Nonane (C9)

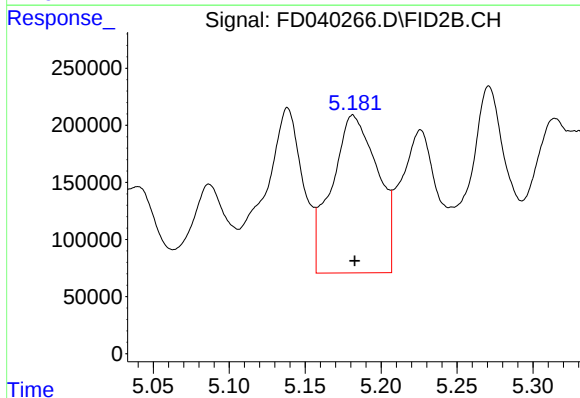
R.T.: 2.634 min
Delta R.T.: -0.008 min
Response: 97007
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



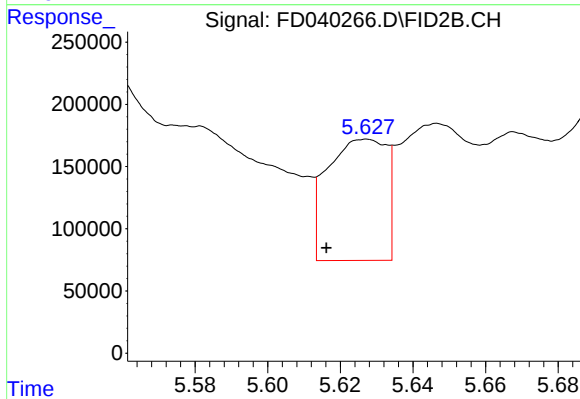
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.011 min
Response: 554976
Conc: 4.19 ug/ml



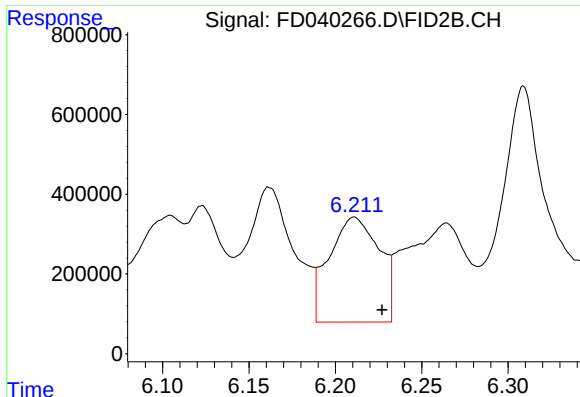
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 2898430
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

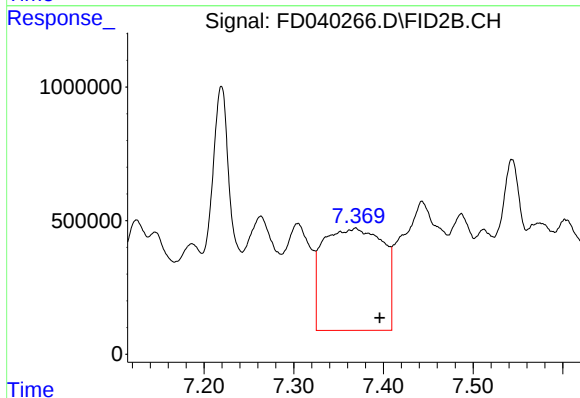
R.T.: 5.627 min
Delta R.T.: 0.011 min
Response: 1096715
Conc: 8.26 ug/ml



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

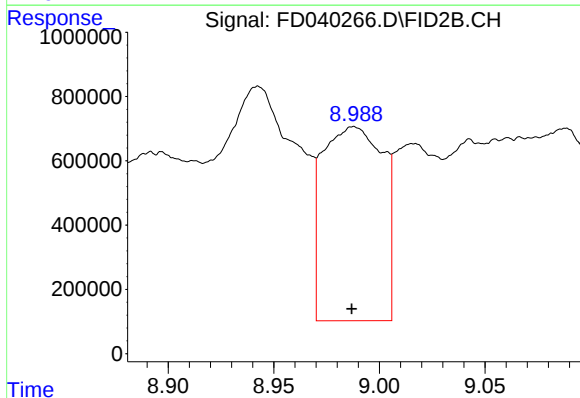
R.T.: 6.211 min
Delta R.T.: -0.016 min
Response: 5306124
Conc: 35.76 ug/ml

Instrument :
FID_D
ClientSampleId :



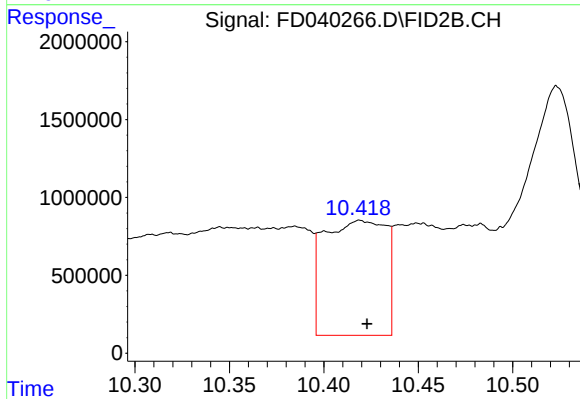
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.027 min
Response: 17828448
Conc: 128.96 ug/ml



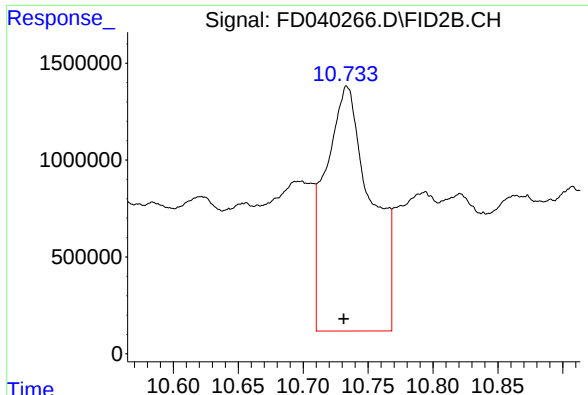
#7 n-Hexadecane (C16)

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 11983151
Conc: 87.39 ug/ml



#8 n-Octadecane (C18)

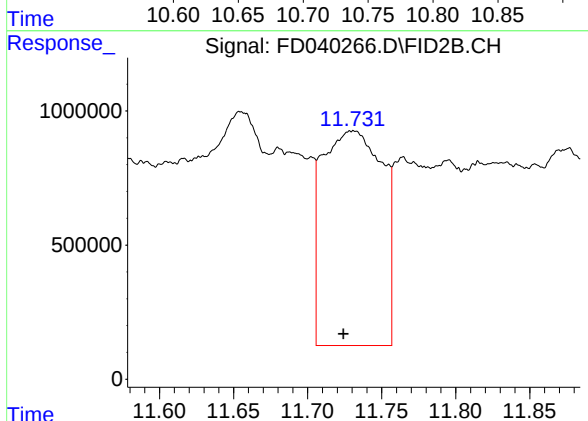
R.T.: 10.419 min
Delta R.T.: -0.004 min
Response: 16742047
Conc: 118.56 ug/ml



#9 ortho-Terphenyl (SURR)

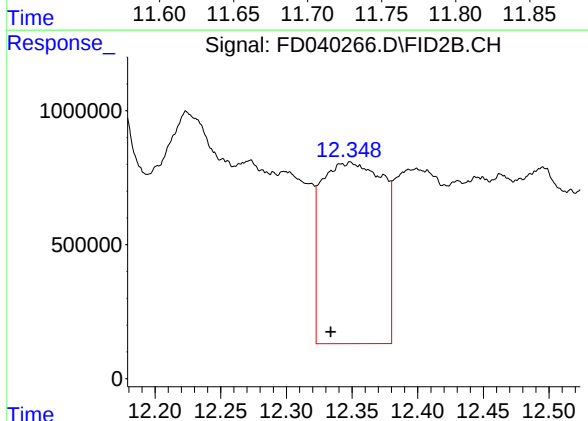
R.T.: 10.734 min
Delta R.T.: 0.003 min
Response: 30586553
Conc: 196.34 ug/ml

Instrument :
FID_D
ClientSampleId :



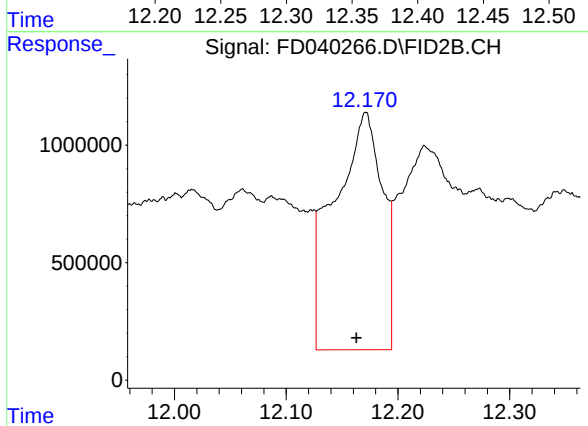
#10 n-Eicosane (C20)

R.T.: 11.731 min
Delta R.T.: 0.007 min
Response: 22572594
Conc: 161.46 ug/ml



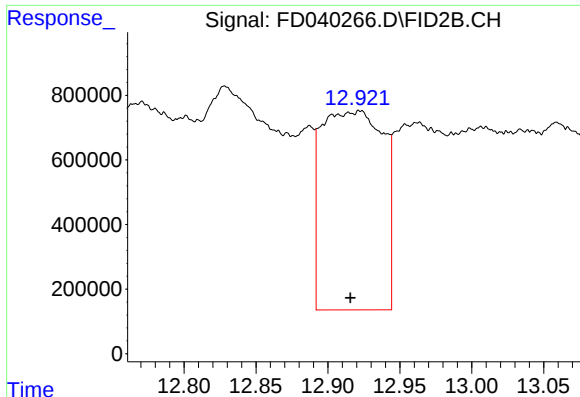
#11 n-Heneicosane (C21)

R.T.: 12.349 min
Delta R.T.: 0.015 min
Response: 22150705
Conc: 156.56 ug/ml



#12 1-chlorooctadecane (SURR)

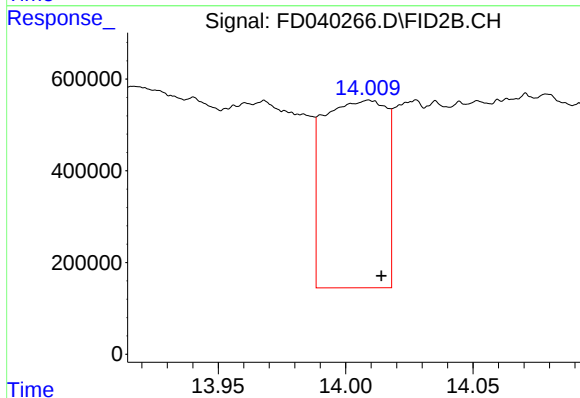
R.T.: 12.171 min
Delta R.T.: 0.008 min
Response: 30192573
Conc: 250.36 ug/ml



#13 n-Docosane (C22)

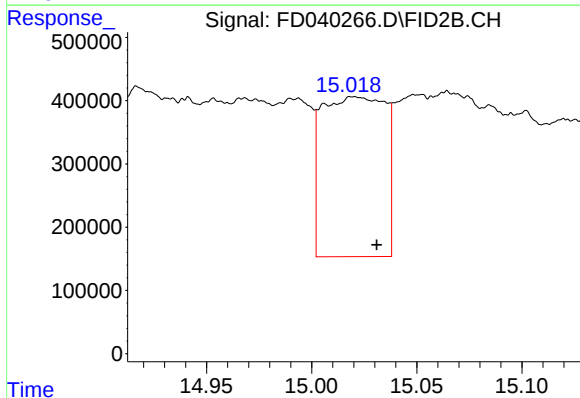
R.T.: 12.923 min
Delta R.T.: 0.007 min
Response: 18444842
Conc: 131.43 ug/ml

Instrument :
FID_D
ClientSampleId :



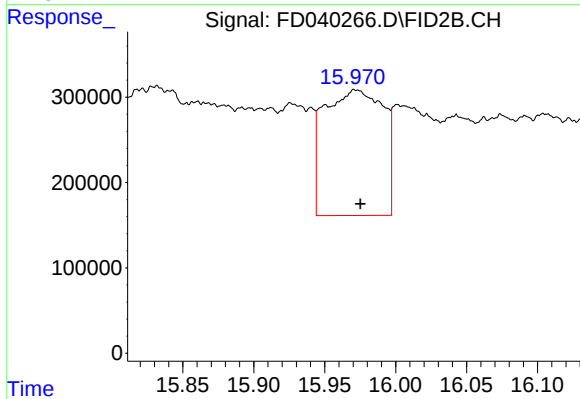
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: -0.005 min
Response: 7020143
Conc: 50.00 ug/ml



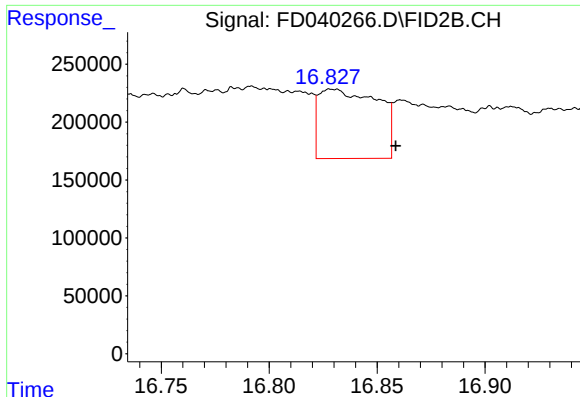
#15 n-Hexacosane (C26)

R.T.: 15.020 min
Delta R.T.: -0.011 min
Response: 5283703
Conc: 38.43 ug/ml



#16 n-Octacosane (C28)

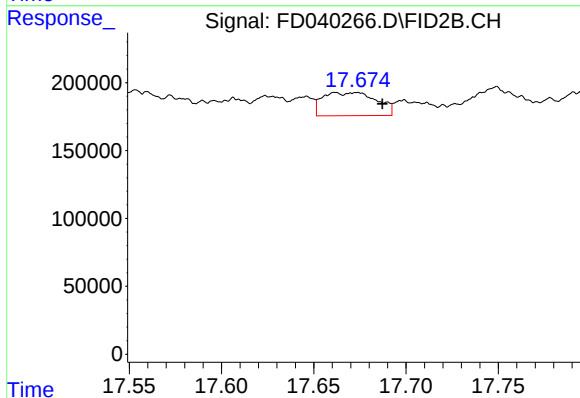
R.T.: 15.972 min
Delta R.T.: -0.003 min
Response: 4287511
Conc: 31.52 ug/ml



#17 n-Tricontane (C30)

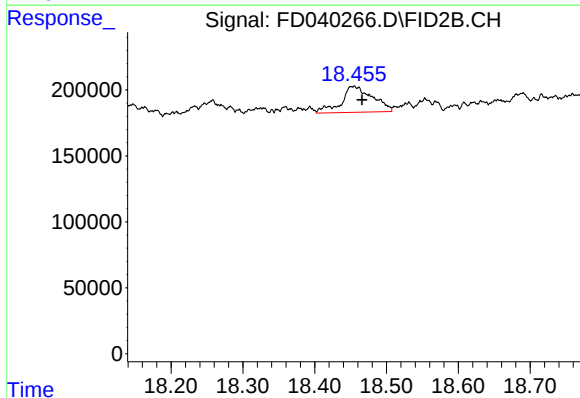
R.T.: 16.829 min
Delta R.T.: -0.029 min
Response: 1138590
Conc: 8.51 ug/ml

Instrument :
FID_D
ClientSampleId :



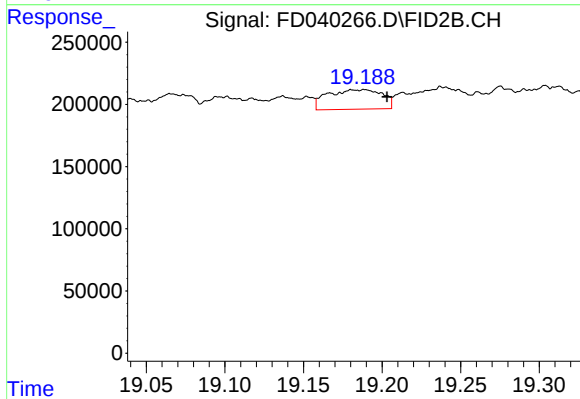
#18 n-Dotriacontane (C32)

R.T.: 17.662 min
Delta R.T.: -0.025 min
Response: 347107
Conc: 2.68 ug/ml



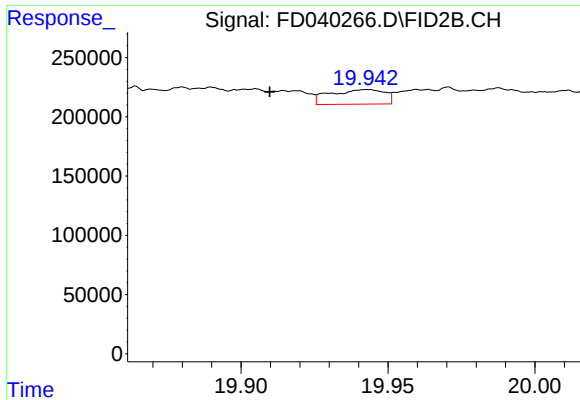
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: -0.011 min
Response: 597120
Conc: 4.92 ug/ml



#20 n-Hexatriacontane (C36)

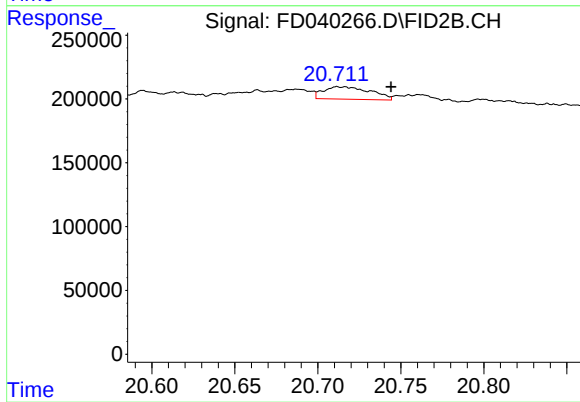
R.T.: 19.181 min
Delta R.T.: -0.022 min
Response: 381181
Conc: 3.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.943 min
Delta R.T.: 0.033 min
Response: 158672
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.712 min
Delta R.T.: -0.032 min
Response: 193666
Conc: 2.49 ug/ml