

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040028.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 7:49
 Operator : AJ\MA
 Sample : M5124-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 19 23:53:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.757	6814842	43.410 ug/ml
Spiked Amount 50.000		Recovery =	86.82%
12) S 1-chlorooctadecane (S...	12.192	5407398	43.787 ug/ml
Spiked Amount 50.000		Recovery =	87.57%
Target Compounds			
1) T n-Nonane (C9)	2.669	2129	0.015 ug/ml
2) T n-Decane (C10)	3.656	9976	0.070 ug/ml
3) T A~Naphthalene (C11.7)	5.205	29658	0.185 ug/ml
4) T n-Dodecane (C12)	5.675	3662	0.026 ug/ml
5) T A~2-methylnaphthalene...	6.291	10620	0.066 ug/ml
6) T n-Tetradecane (C14)	7.417	58660	0.407 ug/ml
7) T n-Hexadecane (C16)	9.009	32931	0.226 ug/ml
8) T n-Octadecane (C18)	10.445	41752	0.281 ug/ml
10) T n-Eicosane (C20)	11.783	264133	1.806 ug/ml
11) T n-Heneicosane (C21)	12.373	53641	0.365 ug/ml
13) T n-Docosane (C22)	12.979	27538	0.189 ug/ml
14) T n-Tetracosane (C24)	14.038	23866	0.164 ug/ml
15) T n-Hexacosane (C26)	15.054	37430	0.267 ug/ml
16) T n-Octacosane (C28)	16.005	56726	0.418 ug/ml
17) T n-Tricontane (C30)	16.887	178023	1.362 ug/ml
18) T n-Dotriacontane (C32)	17.710	624664	5.019 ug/ml
19) T n-Tetratriacontane (C34)	18.538	301978	2.500 ug/ml
20) T n-Hexatriacontane (C36)	19.241	1290287	11.220 ug/ml
21) T n-Octatriacontane (C38)	19.999	1112593	9.968 ug/ml
22) T n-Tetracontane (C40)	20.844	444618	3.902 ug/ml

(f)=RT Delta > 1/2 Window

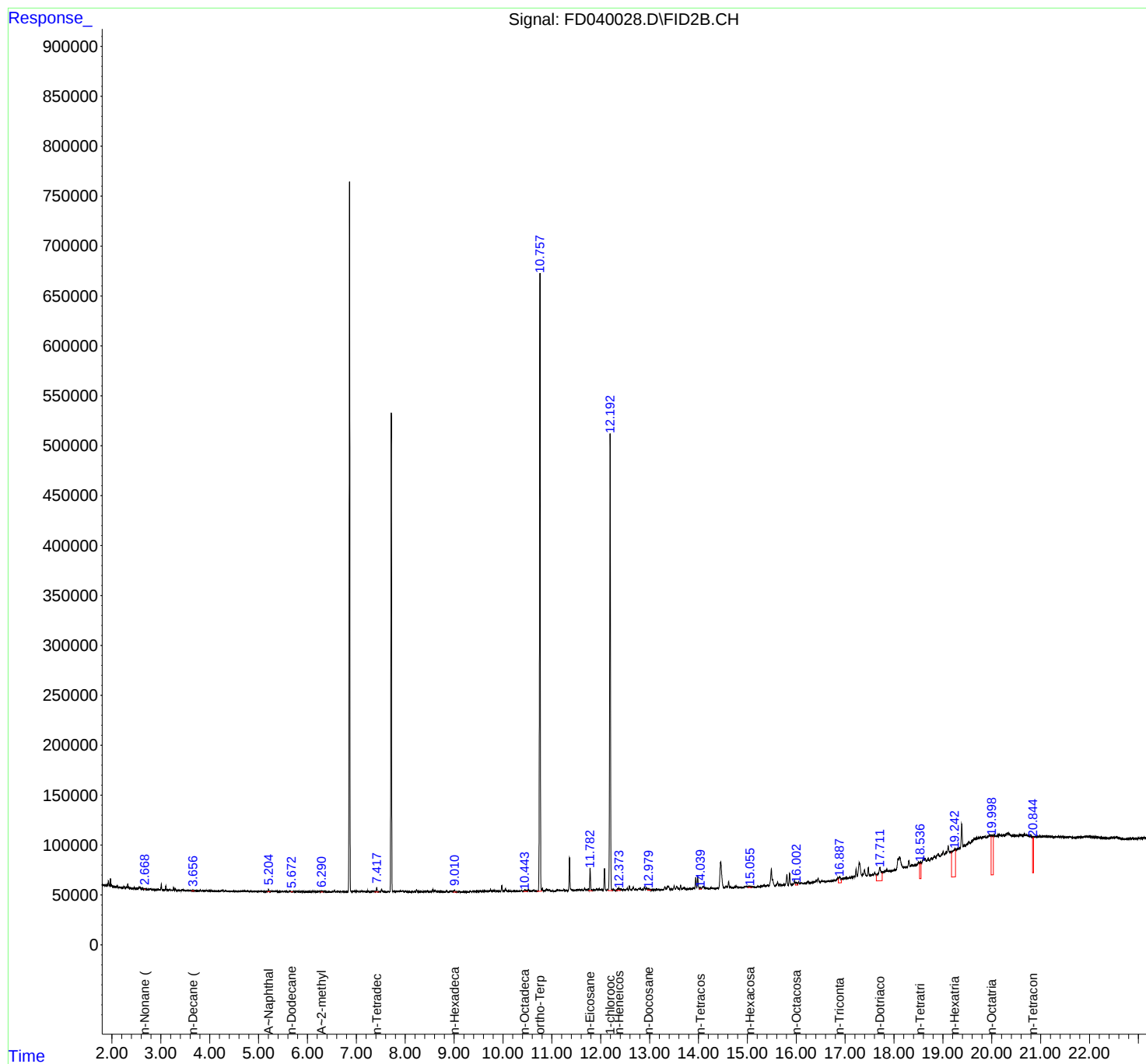
(m)=manual int.

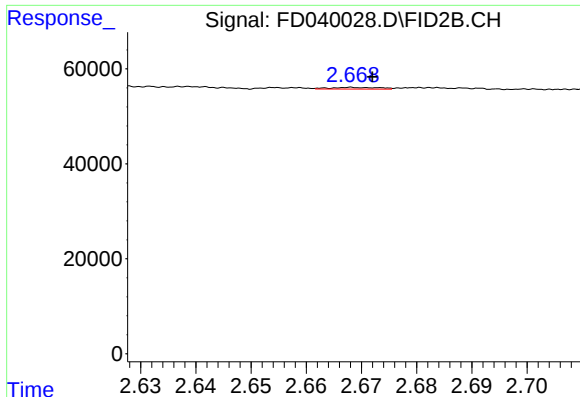
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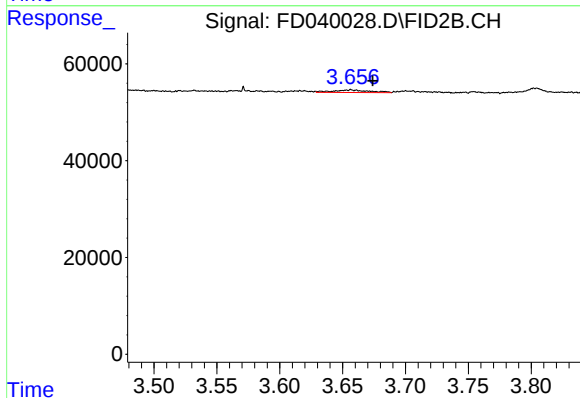




#1 n-Nonane (C9)

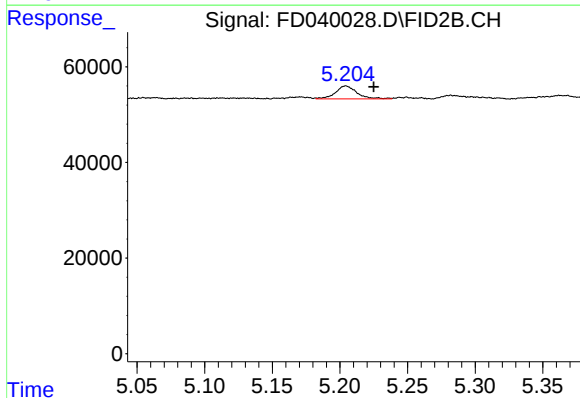
R.T.: 2.669 min
Delta R.T.: -0.003 min
Response: 2129
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



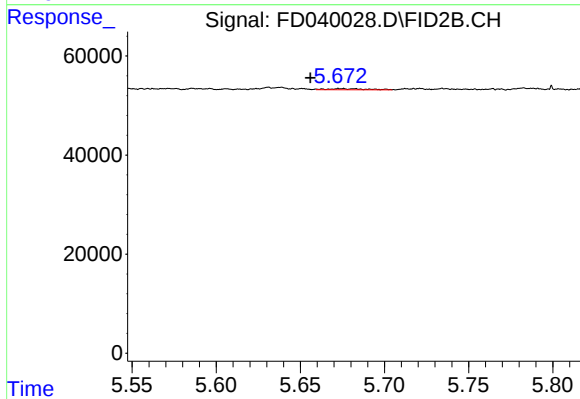
#2 n-Decane (C10)

R.T.: 3.656 min
Delta R.T.: -0.018 min
Response: 9976
Conc: 0.07 ug/ml



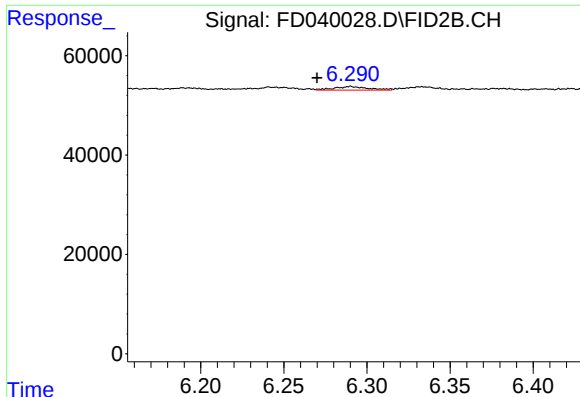
#3 A~Naphthalene (C11.7)

R.T.: 5.205 min
Delta R.T.: -0.020 min
Response: 29658
Conc: 0.18 ug/ml



#4 n-Dodecane (C12)

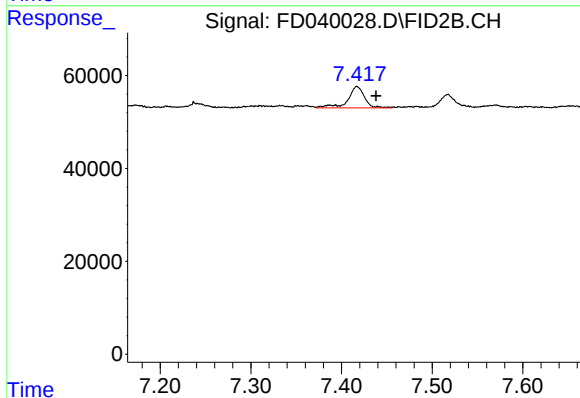
R.T.: 5.675 min
Delta R.T.: 0.019 min
Response: 3662
Conc: 0.03 ug/ml



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

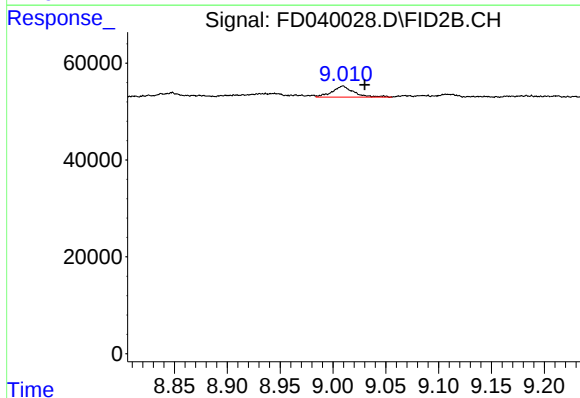
R.T.: 6.291 min
Delta R.T.: 0.021 min
Response: 10620
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



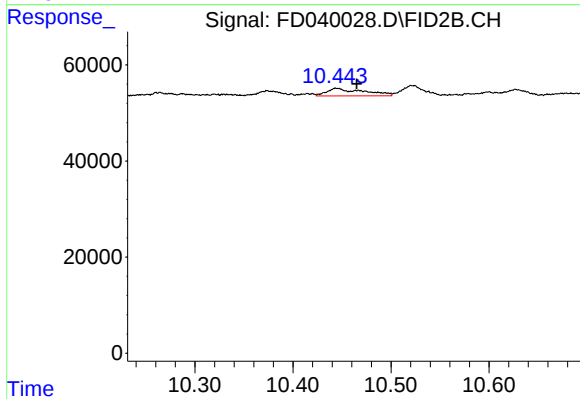
#6 n-Tetradecane (C14)

R.T.: 7.417 min
Delta R.T.: -0.021 min
Response: 58660
Conc: 0.41 ug/ml



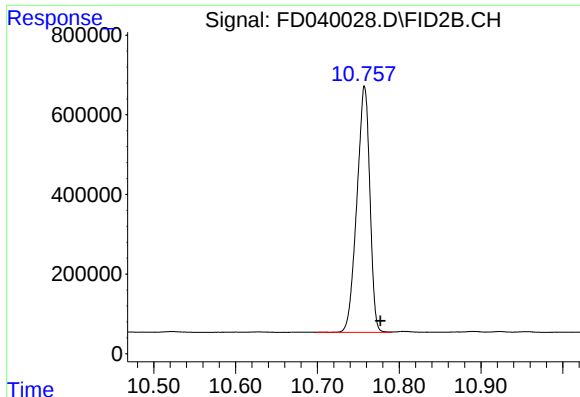
#7 n-Hexadecane (C16)

R.T.: 9.009 min
Delta R.T.: -0.021 min
Response: 32931
Conc: 0.23 ug/ml



#8 n-Octadecane (C18)

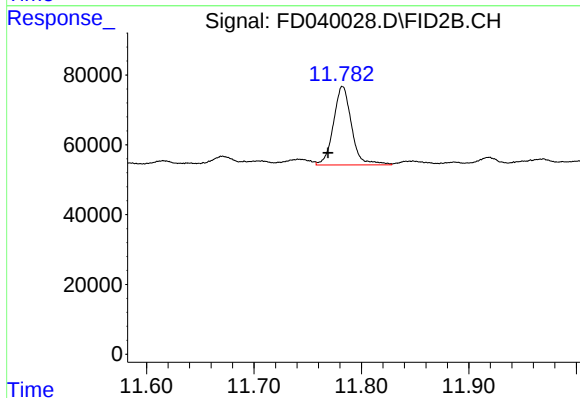
R.T.: 10.445 min
Delta R.T.: -0.020 min
Response: 41752
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

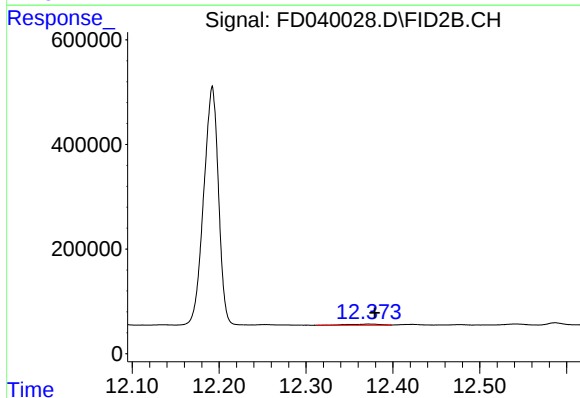
R.T.: 10.757 min
Delta R.T.: -0.020 min
Response: 6814842
Conc: 43.41 ug/ml

Instrument :
FID_D
ClientSampleId :



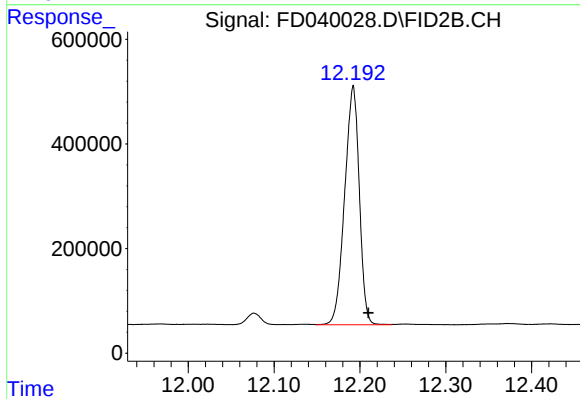
#10 n-Eicosane (C20)

R.T.: 11.783 min
Delta R.T.: 0.014 min
Response: 264133
Conc: 1.81 ug/ml



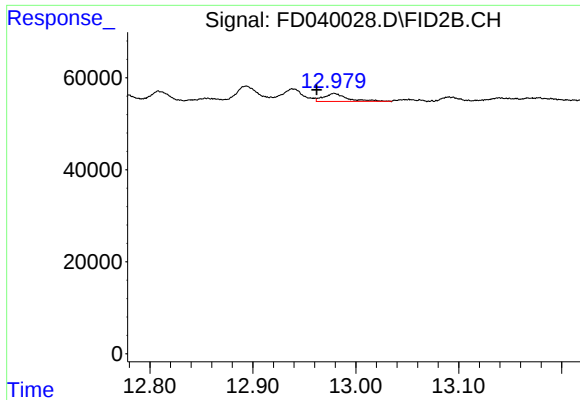
#11 n-Heneicosane (C21)

R.T.: 12.373 min
Delta R.T.: -0.006 min
Response: 53641
Conc: 0.37 ug/ml



#12 1-chlorooctadecane (SURR)

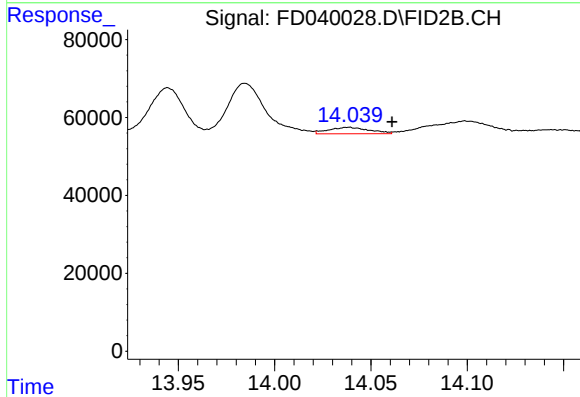
R.T.: 12.192 min
Delta R.T.: -0.018 min
Response: 5407398
Conc: 43.79 ug/ml



#13 n-Docosane (C22)

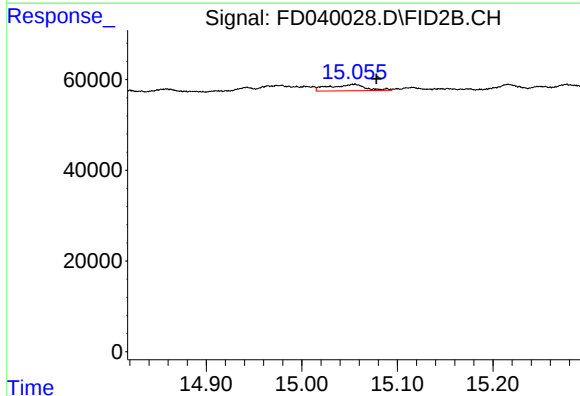
R.T.: 12.979 min
Delta R.T.: 0.017 min
Response: 27538
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



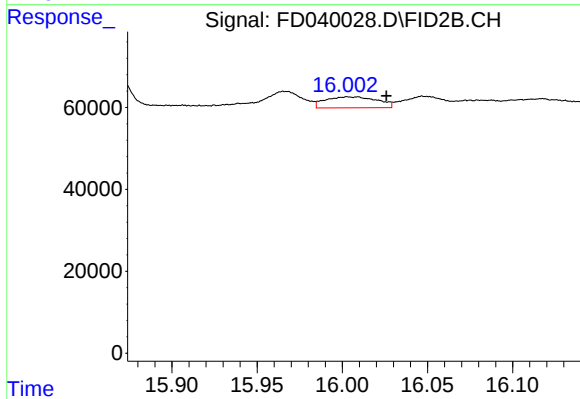
#14 n-Tetracosane (C24)

R.T.: 14.038 min
Delta R.T.: -0.023 min
Response: 23866
Conc: 0.16 ug/ml



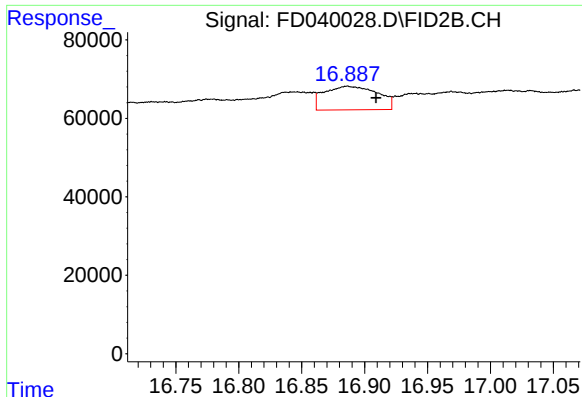
#15 n-Hexacosane (C26)

R.T.: 15.054 min
Delta R.T.: -0.024 min
Response: 37430
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

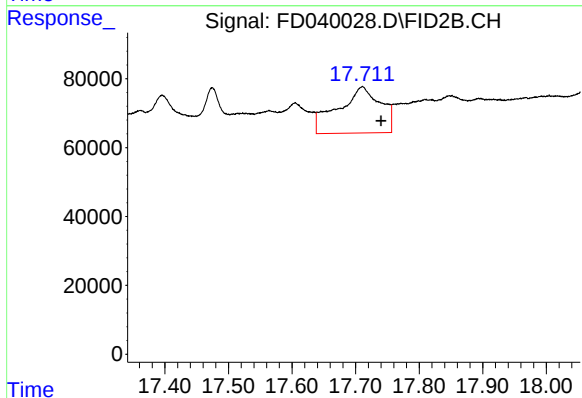
R.T.: 16.005 min
Delta R.T.: -0.021 min
Response: 56726
Conc: 0.42 ug/ml



#17 n-Tricontane (C30)

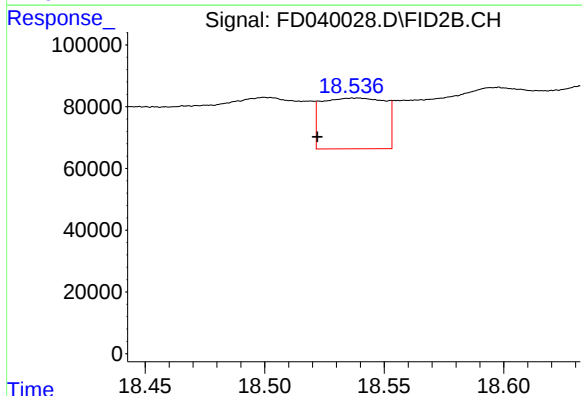
R.T.: 16.887 min
Delta R.T.: -0.022 min
Response: 178023
Conc: 1.36 ug/ml

Instrument :
FID_D
ClientSampleId :



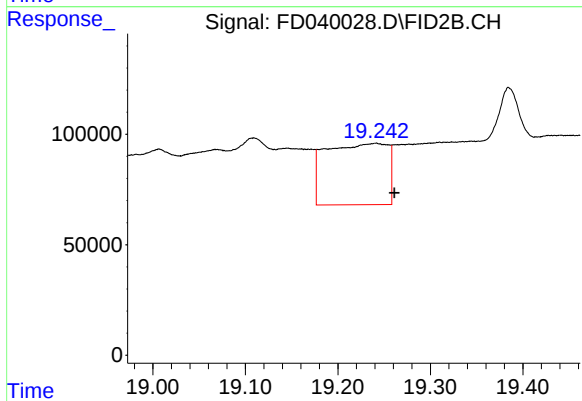
#18 n-Dotriacontane (C32)

R.T.: 17.710 min
Delta R.T.: -0.030 min
Response: 624664
Conc: 5.02 ug/ml



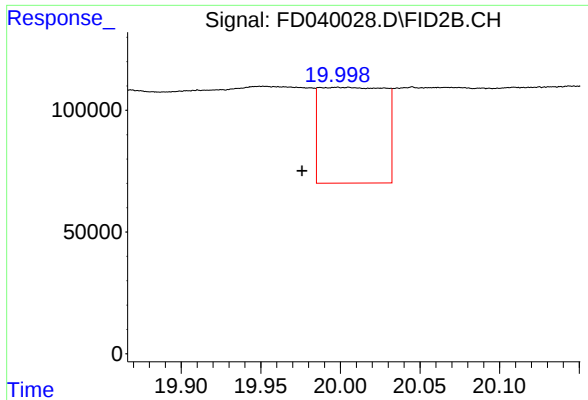
#19 n-Tetratriacontane (C34)

R.T.: 18.538 min
Delta R.T.: 0.016 min
Response: 301978
Conc: 2.50 ug/ml



#20 n-Hexatriacontane (C36)

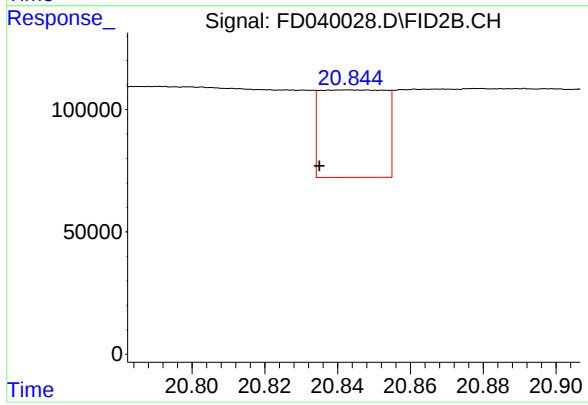
R.T.: 19.241 min
Delta R.T.: -0.020 min
Response: 1290287
Conc: 11.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.999 min
Delta R.T.: 0.023 min
Response: 1112593
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.844 min
Delta R.T.: 0.009 min
Response: 444618
Conc: 3.90 ug/ml