

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040007.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 20:08
 Operator : AJ\MA
 Sample : M5105-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:45:21 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)	10.763	5705711	36.345 ug/ml
Spiked Amount 50.000		Recovery =	72.69%
12) S 1-chlorooctadecane (S...	12.217	61658944	499.290 ug/ml
Spiked Amount 50.000		Recovery =	998.58%
Target Compounds			
1) T n-Nonane (C9)	2.684	10846	0.077 ug/ml
2) T n-Decane (C10)	3.659	161130	1.130 ug/ml
3) T A~Naphthalene (C11.7)	5.210	400717	2.496 ug/ml
4) T n-Dodecane (C12)	5.641	1040488	7.287 ug/ml
5) T A~2-methylnaphthalene...	6.257	643105	3.985 ug/ml
6) T n-Tetradecane (C14)	7.424	1671698	11.599 ug/ml
7) T n-Hexadecane (C16)	9.015	1504224	10.340 ug/ml
8) T n-Octadecane (C18)	10.450	1071280	7.199 ug/ml
10) T n-Eicosane (C20)	11.754	703617	4.811 ug/ml
11) T n-Heneicosane (C21)	12.430f	14148227	96.299 ug/ml
13) T n-Docosane (C22)	12.950	569901	3.903 ug/ml
14) T n-Tetracosane (C24)	14.041	547555	3.760 ug/ml
15) T n-Hexacosane (C26)	15.063	602675	4.297 ug/ml
16) T n-Octacosane (C28)	16.021	919008	6.776 ug/ml
17) T n-Tricontane (C30)	16.923	618347	4.732 ug/ml
18) T n-Dotriacontane (C32)	17.724	3727236	29.948 ug/ml
19) T n-Tetratriacontane (C34)	18.517	4278184	35.421 ug/ml
20) T n-Hexatriacontane (C36)	19.252	4709119	40.948 ug/ml
21) T n-Octatriacontane (C38)	19.967	10300412	92.279 ug/ml
22) T n-Tetracontane (C40)	20.823	4634250	40.671 ug/ml

(f)=RT Delta > 1/2 Window

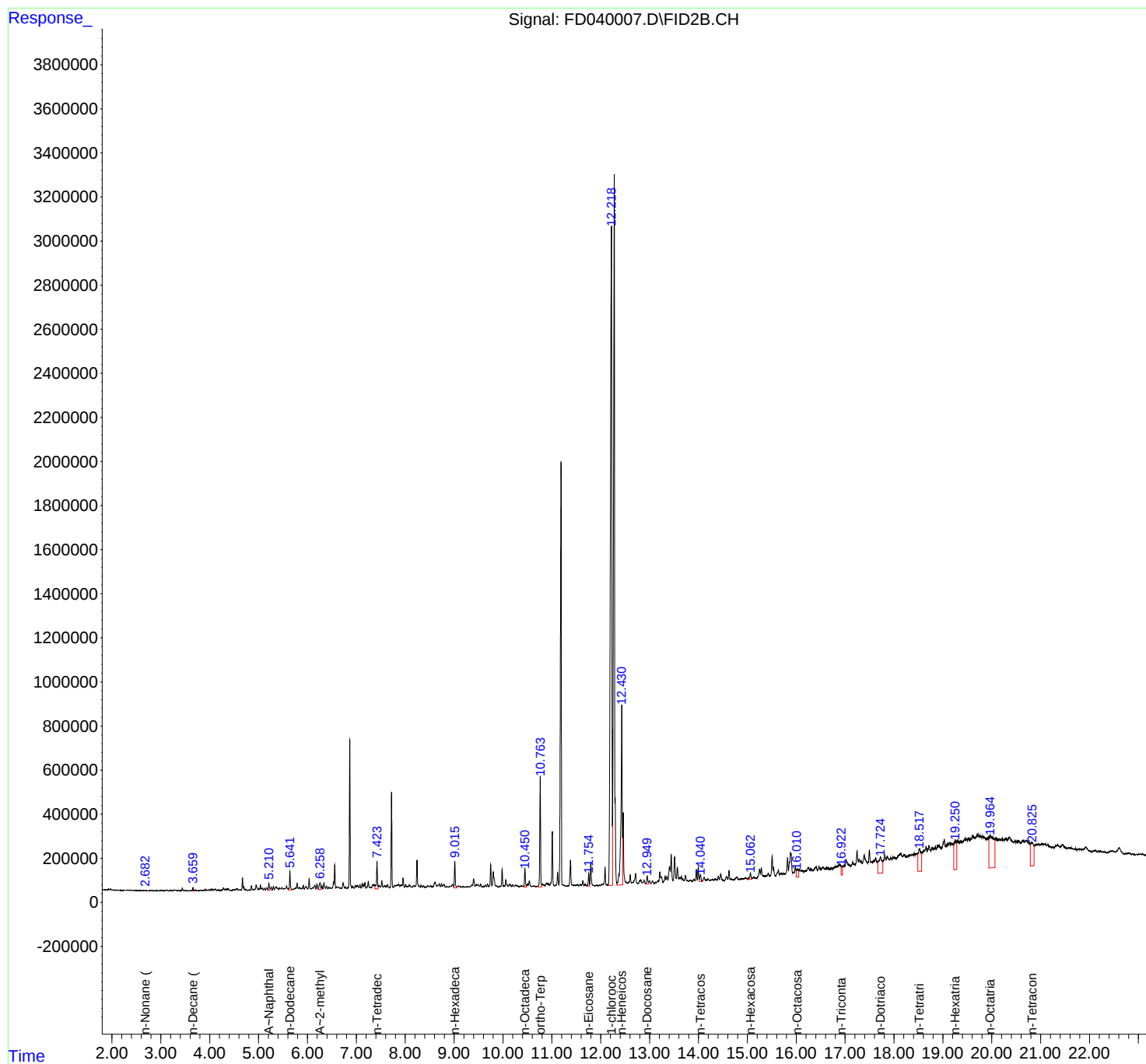
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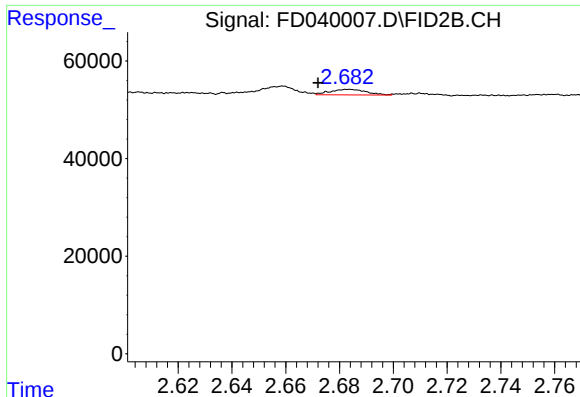
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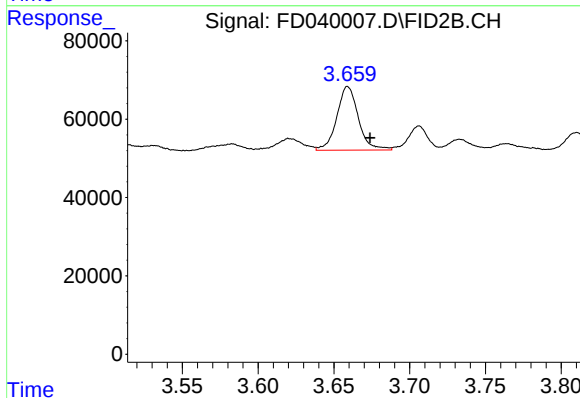




#1 n-Nonane (C9)

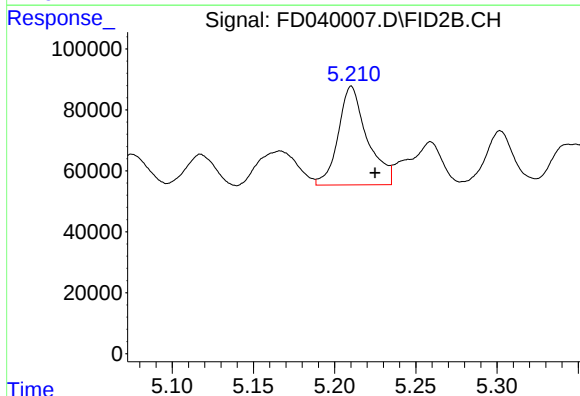
R.T.: 2.684 min
Delta R.T.: 0.012 min
Response: 10846
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



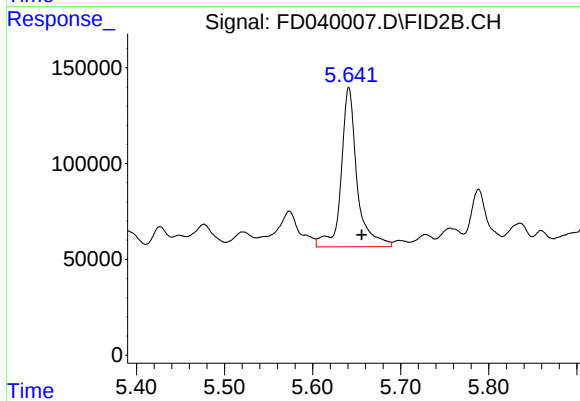
#2 n-Decane (C10)

R.T.: 3.659 min
Delta R.T.: -0.015 min
Response: 161130
Conc: 1.13 ug/ml



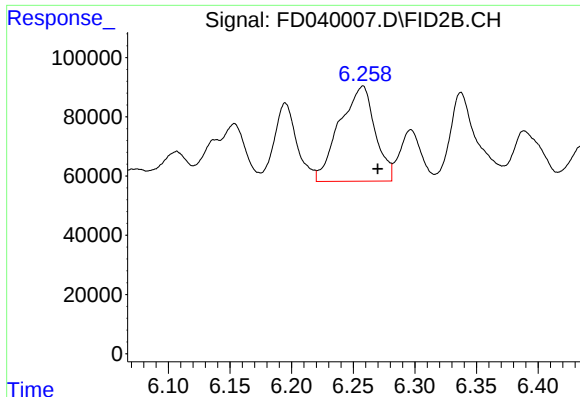
#3 A~Naphthalene (C11.7)

R.T.: 5.210 min
Delta R.T.: -0.015 min
Response: 400717
Conc: 2.50 ug/ml



#4 n-Dodecane (C12)

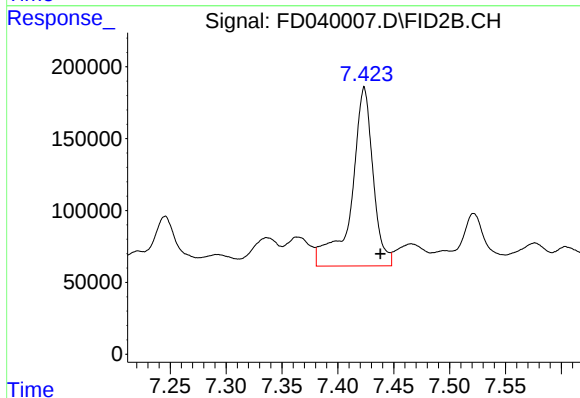
R.T.: 5.641 min
Delta R.T.: -0.015 min
Response: 1040488
Conc: 7.29 ug/ml



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

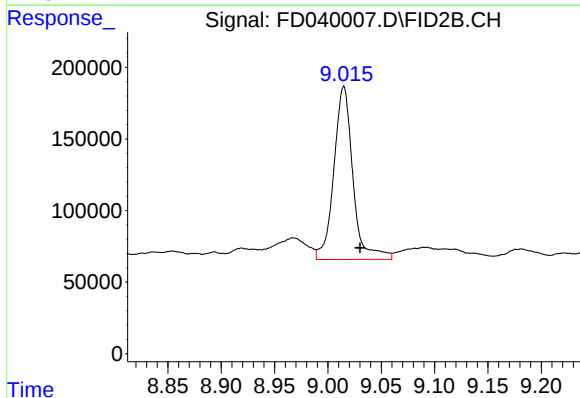
R.T.: 6.257 min
Delta R.T.: -0.013 min
Response: 643105
Conc: 3.99 ug/ml

Instrument :
FID_D
ClientSampleId :



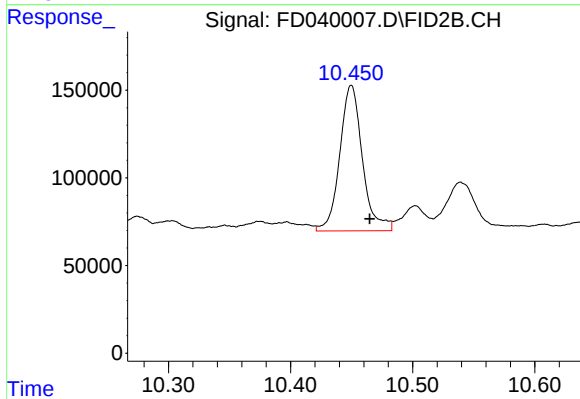
#6 n-Tetradecane (C14)

R.T.: 7.424 min
Delta R.T.: -0.014 min
Response: 1671698
Conc: 11.60 ug/ml



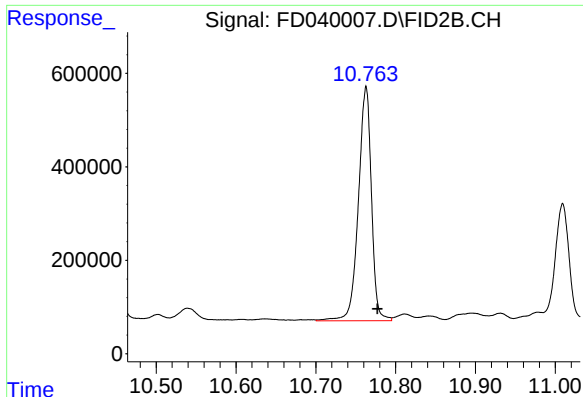
#7 n-Hexadecane (C16)

R.T.: 9.015 min
Delta R.T.: -0.015 min
Response: 1504224
Conc: 10.34 ug/ml



#8 n-Octadecane (C18)

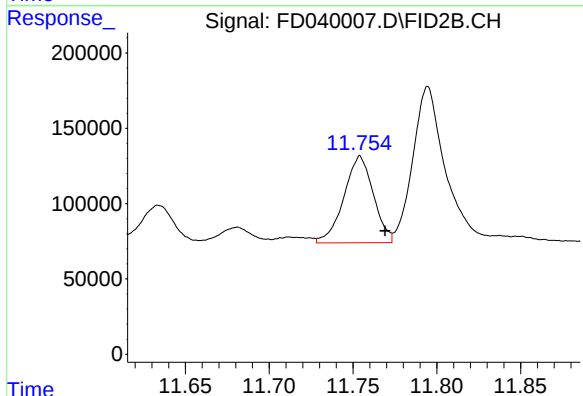
R.T.: 10.450 min
Delta R.T.: -0.015 min
Response: 1071280
Conc: 7.20 ug/ml



#9 ortho-Terphenyl (SURR)

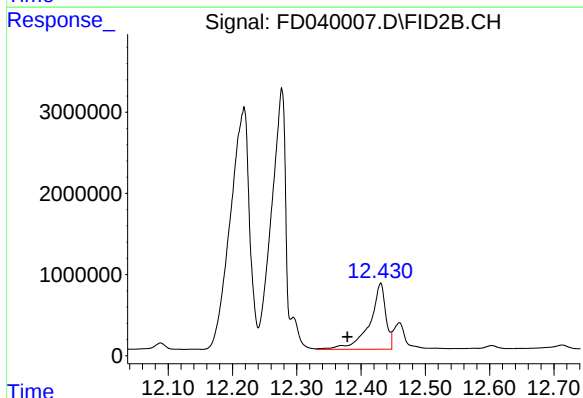
R.T.: 10.763 min
Delta R.T.: -0.014 min
Response: 5705711
Conc: 36.35 ug/ml

Instrument :
FID_D
ClientSampleId :



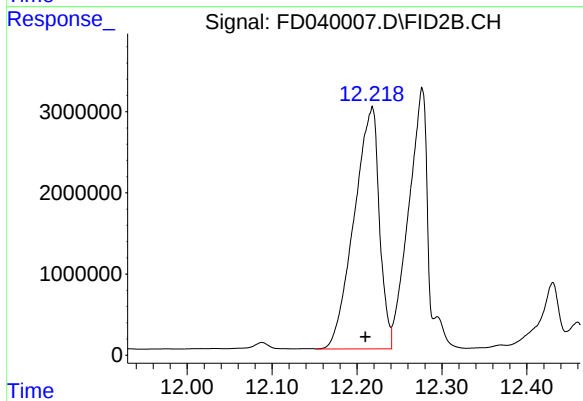
#10 n-Eicosane (C20)

R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 703617
Conc: 4.81 ug/ml



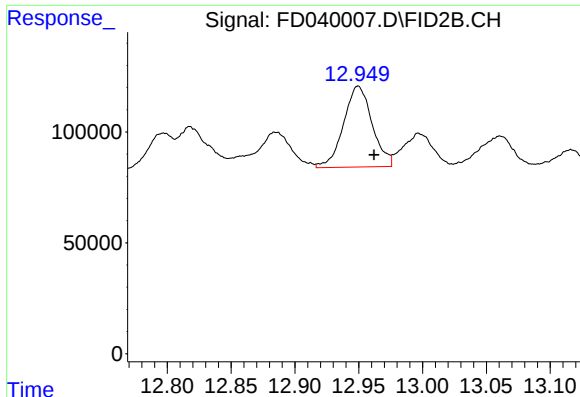
#11 n-Heneicosane (C21)

R.T.: 12.430 min
Delta R.T.: 0.051 min
Response: 14148227
Conc: 96.30 ug/ml



#12 1-chlorooctadecane (SURR)

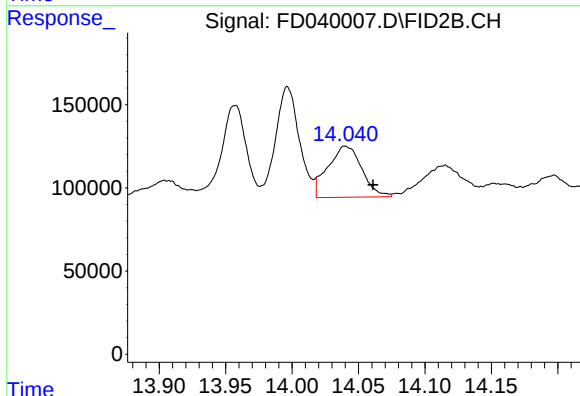
R.T.: 12.217 min
Delta R.T.: 0.007 min
Response: 61658944
Conc: 499.29 ug/ml



#13 n-Docosane (C22)

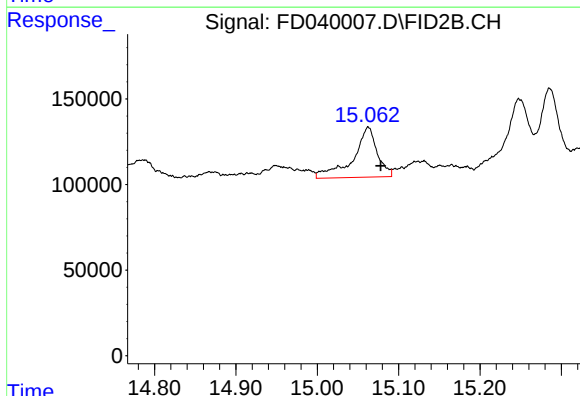
R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 569901
Conc: 3.90 ug/ml

Instrument :
FID_D
ClientSampleId :



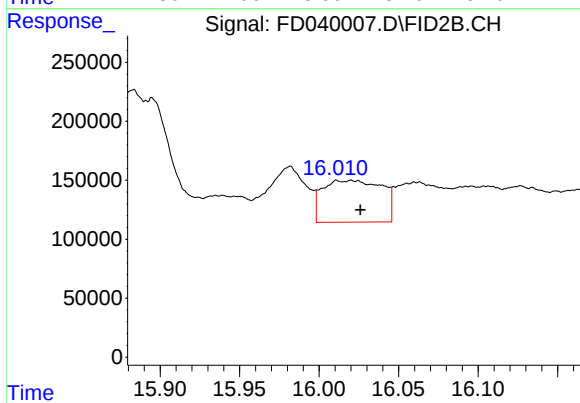
#14 n-Tetracosane (C24)

R.T.: 14.041 min
Delta R.T.: -0.020 min
Response: 547555
Conc: 3.76 ug/ml



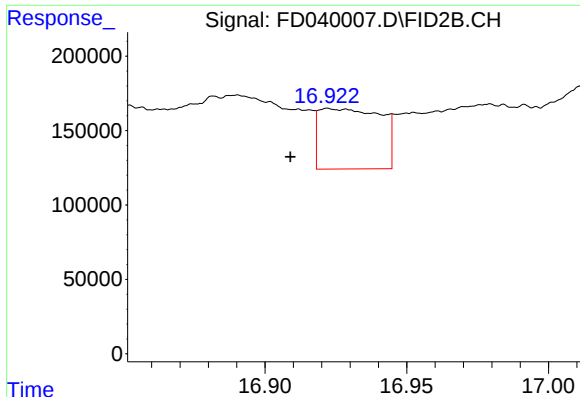
#15 n-Hexacosane (C26)

R.T.: 15.063 min
Delta R.T.: -0.015 min
Response: 602675
Conc: 4.30 ug/ml



#16 n-Octacosane (C28)

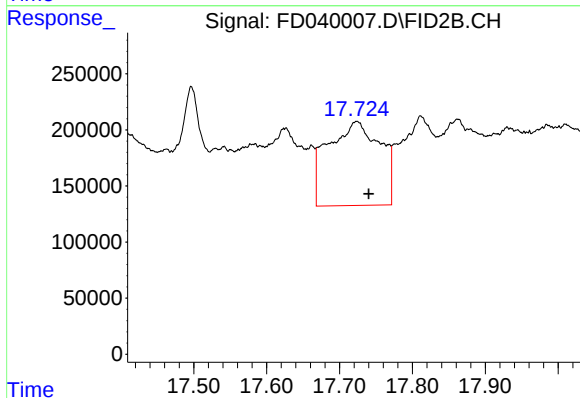
R.T.: 16.021 min
Delta R.T.: -0.005 min
Response: 919008
Conc: 6.78 ug/ml



#17 n-Tricontane (C30)

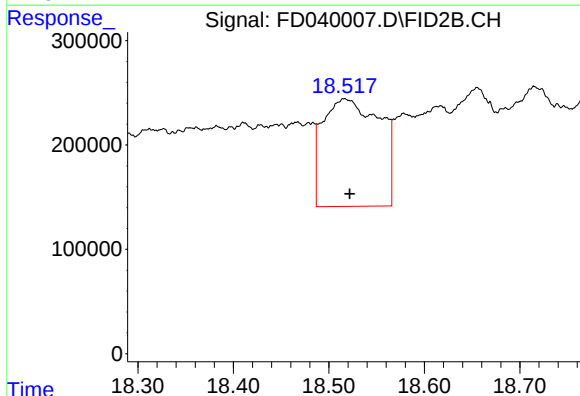
R.T.: 16.923 min
Delta R.T.: 0.014 min
Response: 618347
Conc: 4.73 ug/ml

Instrument :
FID_D
ClientSampleId :



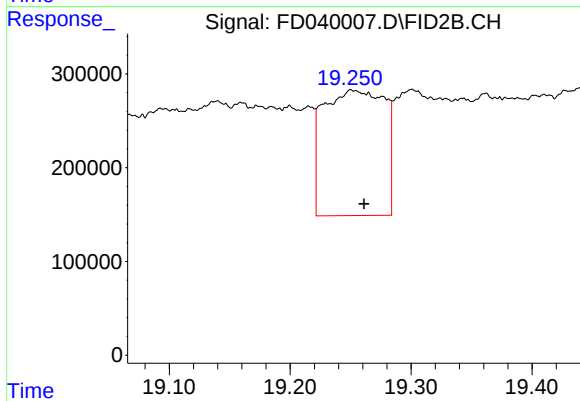
#18 n-Dotriacontane (C32)

R.T.: 17.724 min
Delta R.T.: -0.016 min
Response: 3727236
Conc: 29.95 ug/ml



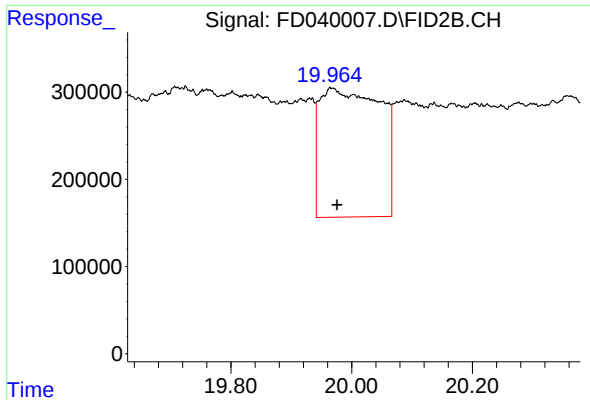
#19 n-Tetratriacontane (C34)

R.T.: 18.517 min
Delta R.T.: -0.005 min
Response: 4278184
Conc: 35.42 ug/ml



#20 n-Hexatriacontane (C36)

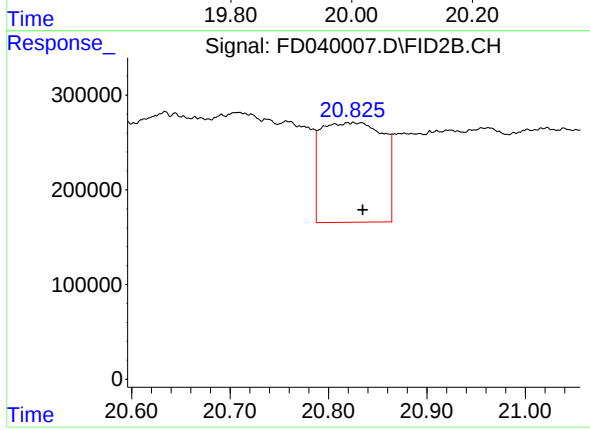
R.T.: 19.252 min
Delta R.T.: -0.009 min
Response: 4709119
Conc: 40.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.967 min
Delta R.T.: -0.009 min
Response: 10300412
Conc: 92.28 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.823 min
Delta R.T.: -0.012 min
Response: 4634250
Conc: 40.67 ug/ml