

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048442.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 10:36
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 10 15:34:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.260	14908	0.075 ug/ml
Spiked Amount 50.000		Recovery =	0.15%
12) S 1-chlorooctadecane (S...	12.716	7010	0.047 ug/ml
Spiked Amount 50.000		Recovery =	0.09%
Target Compounds			
1) T n-Nonane (C9)	3.137	936	0.006 ug/ml
2) T n-Decane (C10)	4.172	9574	0.055 ug/ml
3) T A~Naphthalene (C11.7)	5.725	2234	0.012 ug/ml
4) T n-Dodecane (C12)	6.186	7598	0.043 ug/ml
5) T A~2-methylnaphthalene...	6.765	2531	0.014 ug/ml
6) T n-Tetradecane (C14)	7.954	1570	0.009 ug/ml
7) T n-Hexadecane (C16)	9.512	12830	0.071 ug/ml
8) T n-Octadecane (C18)	10.970	4712	0.026 ug/ml
10) T n-Eicosane (C20)	12.261	8151	0.047 ug/ml
11) T n-Heneicosane (C21)	12.872	14873	0.087 ug/ml
13) T n-Docosane (C22)	13.472	4685	0.027 ug/ml
14) T n-Tetracosane (C24)	14.562	18297	0.108 ug/ml
15) T n-Hexacosane (C26)	15.554	10745	0.065 ug/ml
16) T n-Octacosane (C28)	16.491	9169	0.056 ug/ml
17) T n-Tricontane (C30)	17.372	5258	0.031 ug/ml
18) T n-Dotriacontane (C32)	18.214	4118	0.025 ug/ml
19) T n-Tetratriacontane (C34)	19.035	171271	1.187 ug/ml
20) T n-Hexatriacontane (C36)	19.733	4885	0.041 ug/ml
21) T n-Octatriacontane (C38)	20.443	18499	0.165 ug/ml
22) T n-Tetracontane (C40)	21.216	6886	0.069 ug/ml

(f)=RT Delta > 1/2 Window

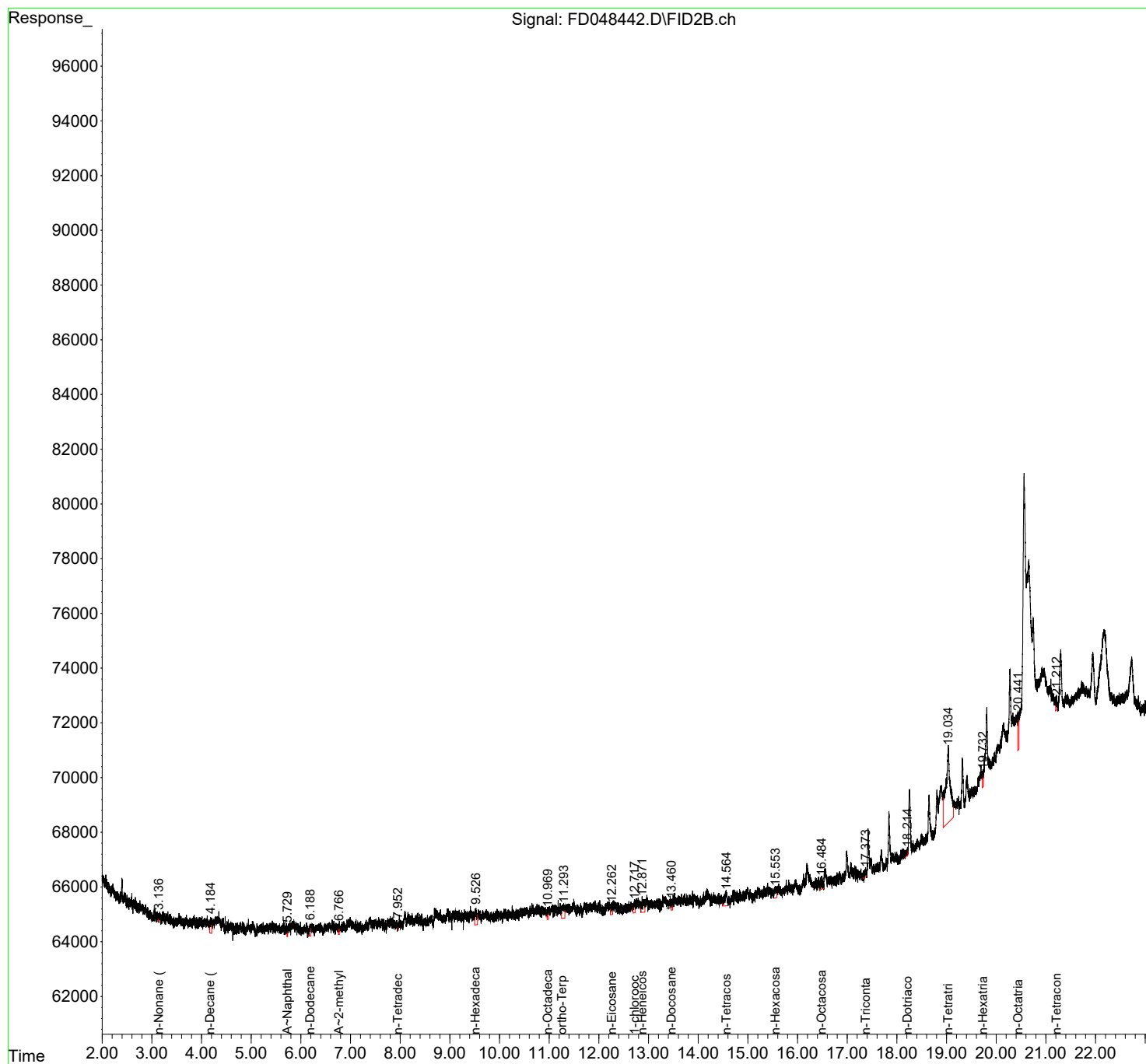
(m)=manual int.

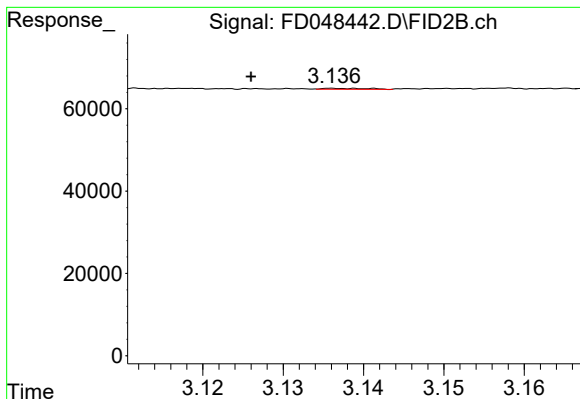
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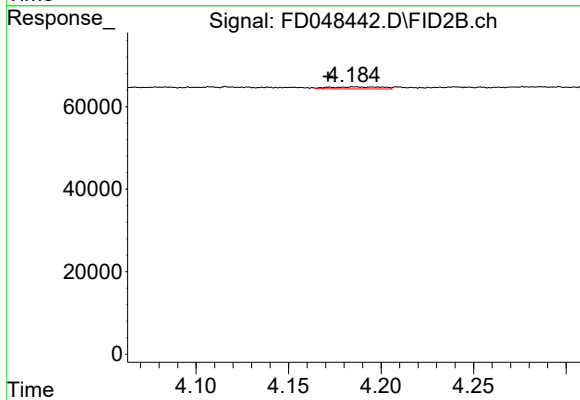




#1 n-Nonane (C9)

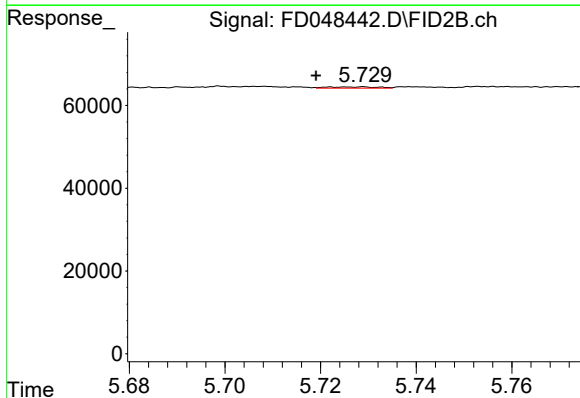
R.T.: 3.137 min
Delta R.T.: 0.011 min
Response: 936
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



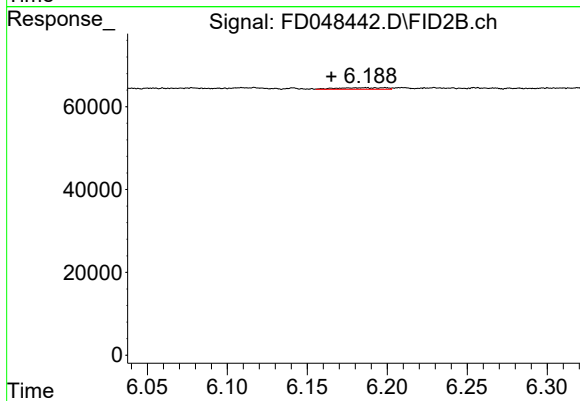
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 9574
Conc: 0.06 ug/ml



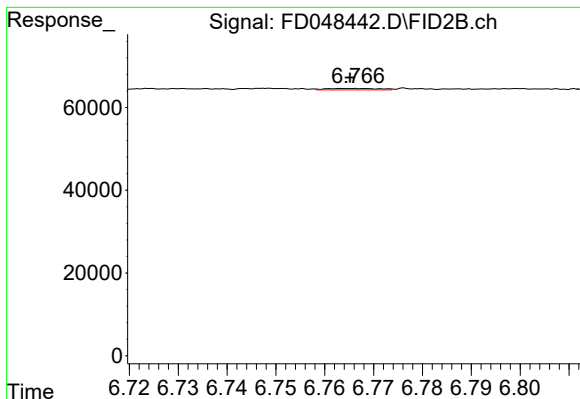
#3 A~Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: 0.006 min
Response: 2234
Conc: 0.01 ug/ml



#4 n-Dodecane (C12)

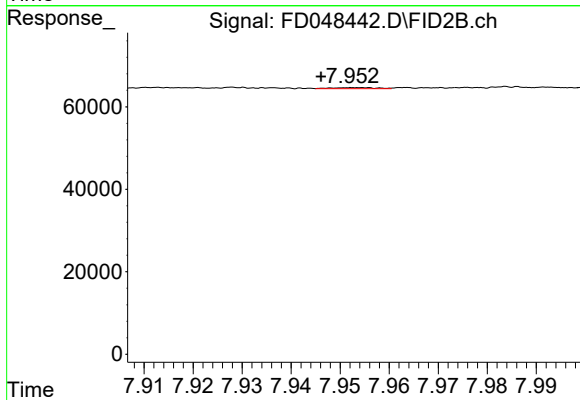
R.T.: 6.186 min
Delta R.T.: 0.021 min
Response: 7598
Conc: 0.04 ug/ml



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

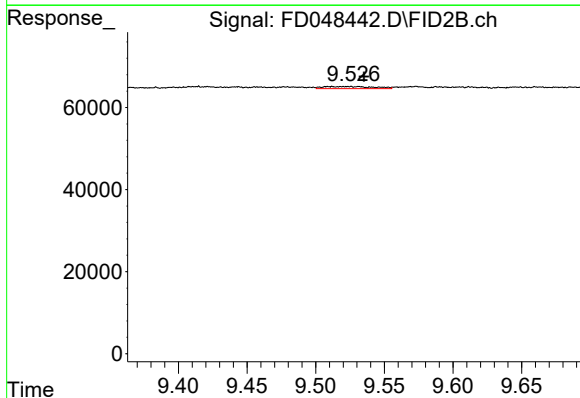
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 2531
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



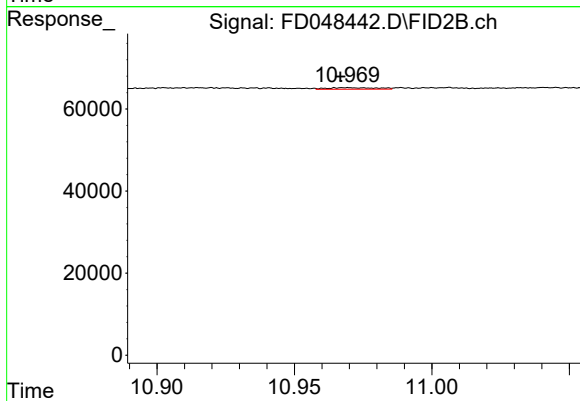
#6 n-Tetradecane (C14)

R.T.: 7.954 min
Delta R.T.: 0.008 min
Response: 1570
Conc: 0.01 ug/ml



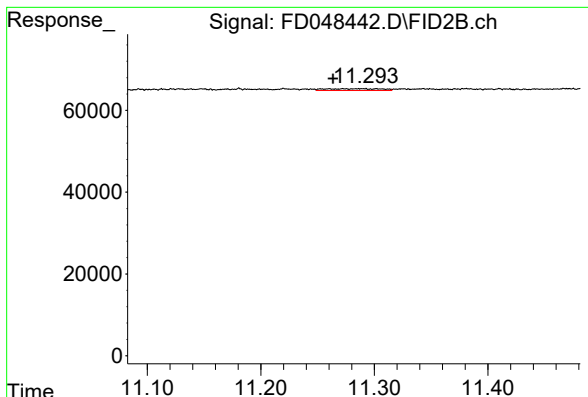
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: -0.023 min
Response: 12830
Conc: 0.07 ug/ml



#8 n-Octadecane (C18)

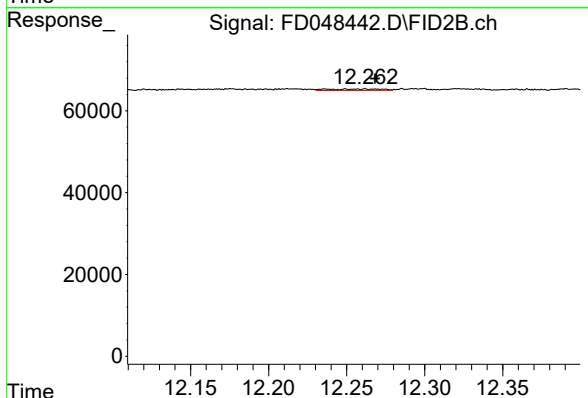
R.T.: 10.970 min
Delta R.T.: 0.003 min
Response: 4712
Conc: 0.03 ug/ml



#9 ortho-Terphenyl (SURR)

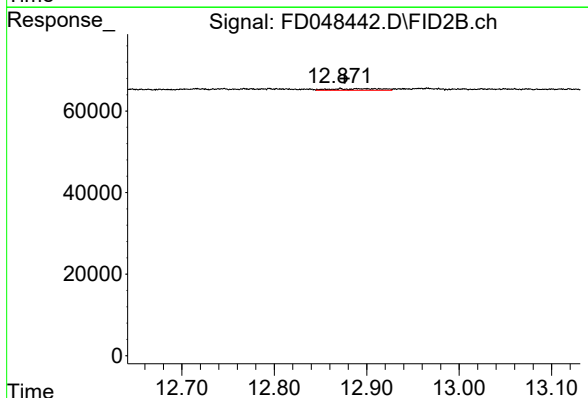
R.T.: 11.260 min
Delta R.T.: -0.004 min
Response: 14908
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



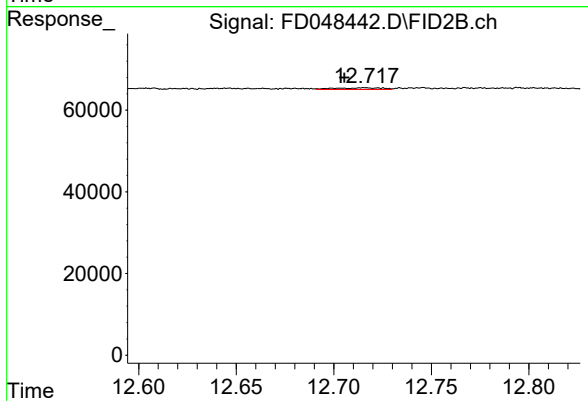
#10 n-Eicosane (C20)

R.T.: 12.261 min
Delta R.T.: -0.007 min
Response: 8151
Conc: 0.05 ug/ml



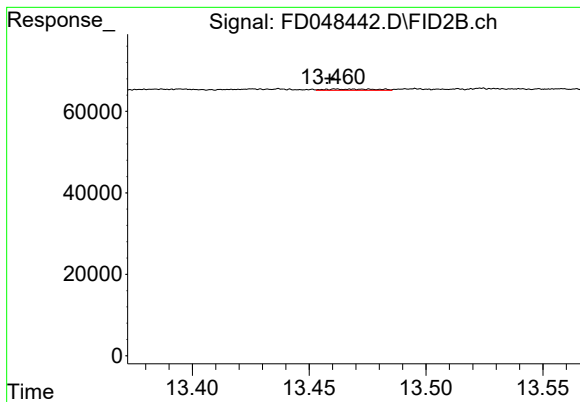
#11 n-Heneicosane (C21)

R.T.: 12.872 min
Delta R.T.: -0.005 min
Response: 14873
Conc: 0.09 ug/ml



#12 1-chlorooctadecane (SURR)

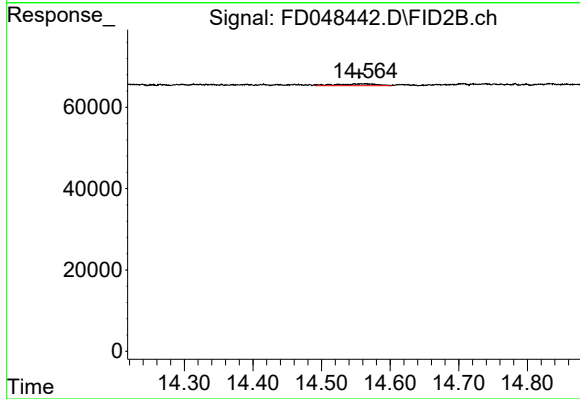
R.T.: 12.716 min
Delta R.T.: 0.011 min
Response: 7010
Conc: 0.05 ug/ml



#13 n-Docosane (C22)

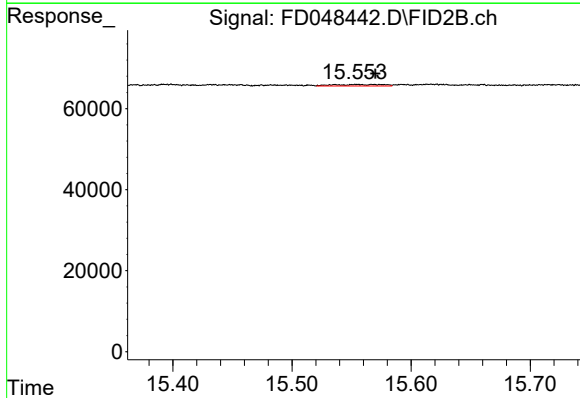
R.T.: 13.472 min
Delta R.T.: 0.013 min
Response: 4685
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



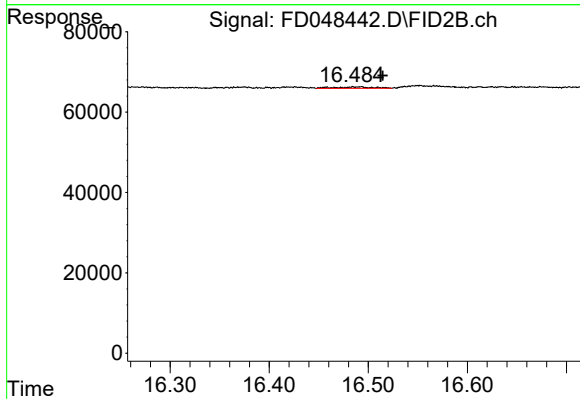
#14 n-Tetracosane (C24)

R.T.: 14.562 min
Delta R.T.: 0.007 min
Response: 18297
Conc: 0.11 ug/ml



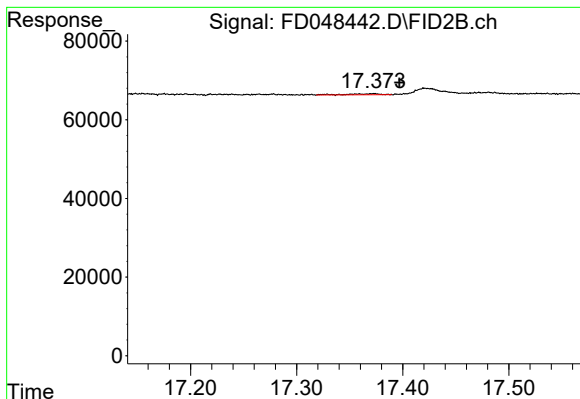
#15 n-Hexacosane (C26)

R.T.: 15.554 min
Delta R.T.: -0.016 min
Response: 10745
Conc: 0.06 ug/ml



#16 n-Octacosane (C28)

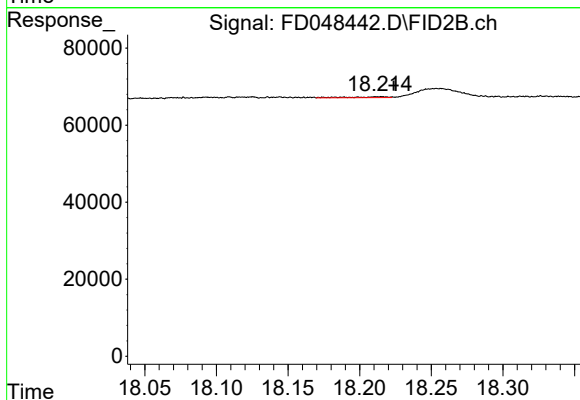
R.T.: 16.491 min
Delta R.T.: -0.023 min
Response: 9169
Conc: 0.06 ug/ml



#17 n-Tricontane (C30)

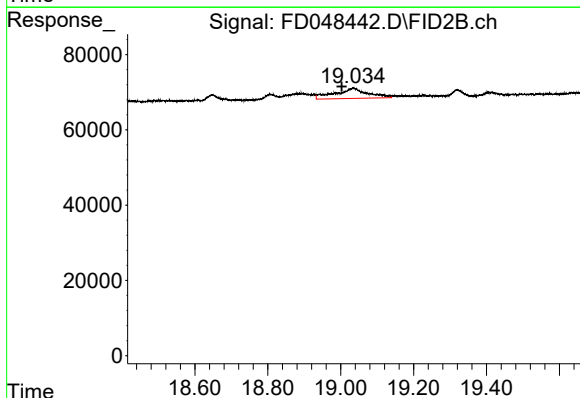
R.T.: 17.372 min
Delta R.T.: -0.024 min
Response: 5258
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



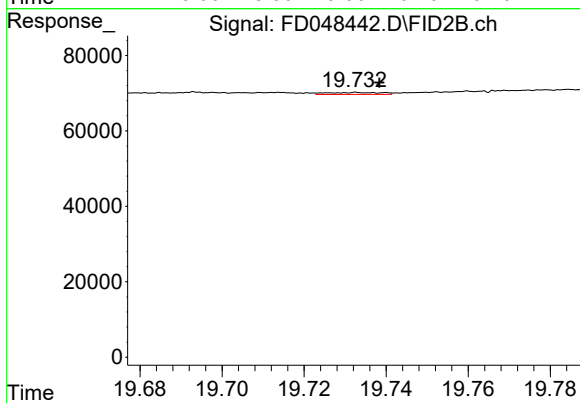
#18 n-Dotriacontane (C32)

R.T.: 18.214 min
Delta R.T.: -0.010 min
Response: 4118
Conc: 0.02 ug/ml



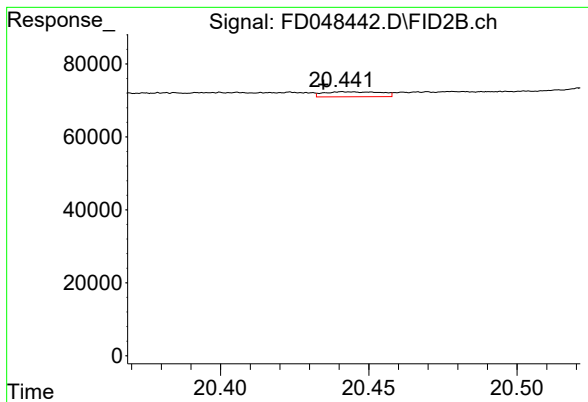
#19 n-Tetratriacontane (C34)

R.T.: 19.035 min
Delta R.T.: 0.032 min
Response: 171271
Conc: 1.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: -0.005 min
Response: 4885
Conc: 0.04 ug/ml



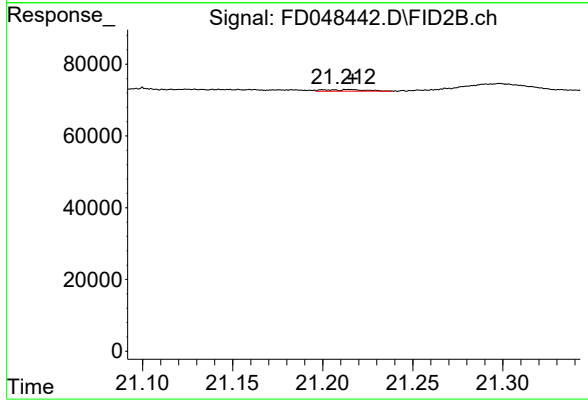
#21 n-Octatriacontane (C38)

R.T.: 20.443 min
Delta R.T.: 0.009 min
Response: 18499
Conc: 0.17 ug/ml

Instrument :

FID_D

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.216 min
Delta R.T.: -0.001 min
Response: 6886
Conc: 0.07 ug/ml