

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042481.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 19:23
 Operator : UA/NP
 Sample : N2851-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 20:50:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.208	4691674	27.975 ug/ml
Spiked Amount 50.000		Recovery =	55.95%
12) S 1-chlorooctadecane (S...	12.648	3650336	27.663 ug/ml
Spiked Amount 50.000		Recovery =	55.33%
Target Compounds			
2) T n-Decane (C10)	4.124	62828	0.469 ug/ml
3) T A~Naphthalene (C11.7)	5.698	175909	1.214 ug/ml
4) T n-Dodecane (C12)	6.117	365131	2.565 ug/ml
5) T A~2-methylnaphthalene...	6.768	139570	1.002 ug/ml
6) T n-Tetradecane (C14)	7.892	407549	2.861 ug/ml
7) T n-Hexadecane (C16)	9.477	368987	2.539 ug/ml
8) T n-Octadecane (C18)	10.908	408447	2.725 ug/ml
10) T n-Eicosane (C20)	12.208	597974	3.907 ug/ml
11) T n-Heneicosane (C21)	12.817	664626	4.311 ug/ml
13) T n-Docosane (C22)	13.399	736145	4.776 ug/ml
14) T n-Tetracosane (C24)	14.496	655731	4.240 ug/ml
15) T n-Hexacosane (C26)	15.512	865856	5.629 ug/ml
16) T n-Octacosane (C28)	16.457	1056436	6.910 ug/ml
17) T n-Tricontane (C30)	17.345	1436787	9.579 ug/ml
18) T n-Dotriacontane (C32)	18.170	2881491	20.378 ug/ml
19) T n-Tetratriacontane (C34)	18.955	4700496	36.525 ug/ml
20) T n-Hexatriacontane (C36)	19.665	1667347	14.734 ug/ml
21) T n-Octatriacontane (C38)	20.371	2633940	26.398 ug/ml
22) T n-Tetracontane (C40)	21.141	248140	2.751 ug/ml

(f)=RT Delta > 1/2 Window

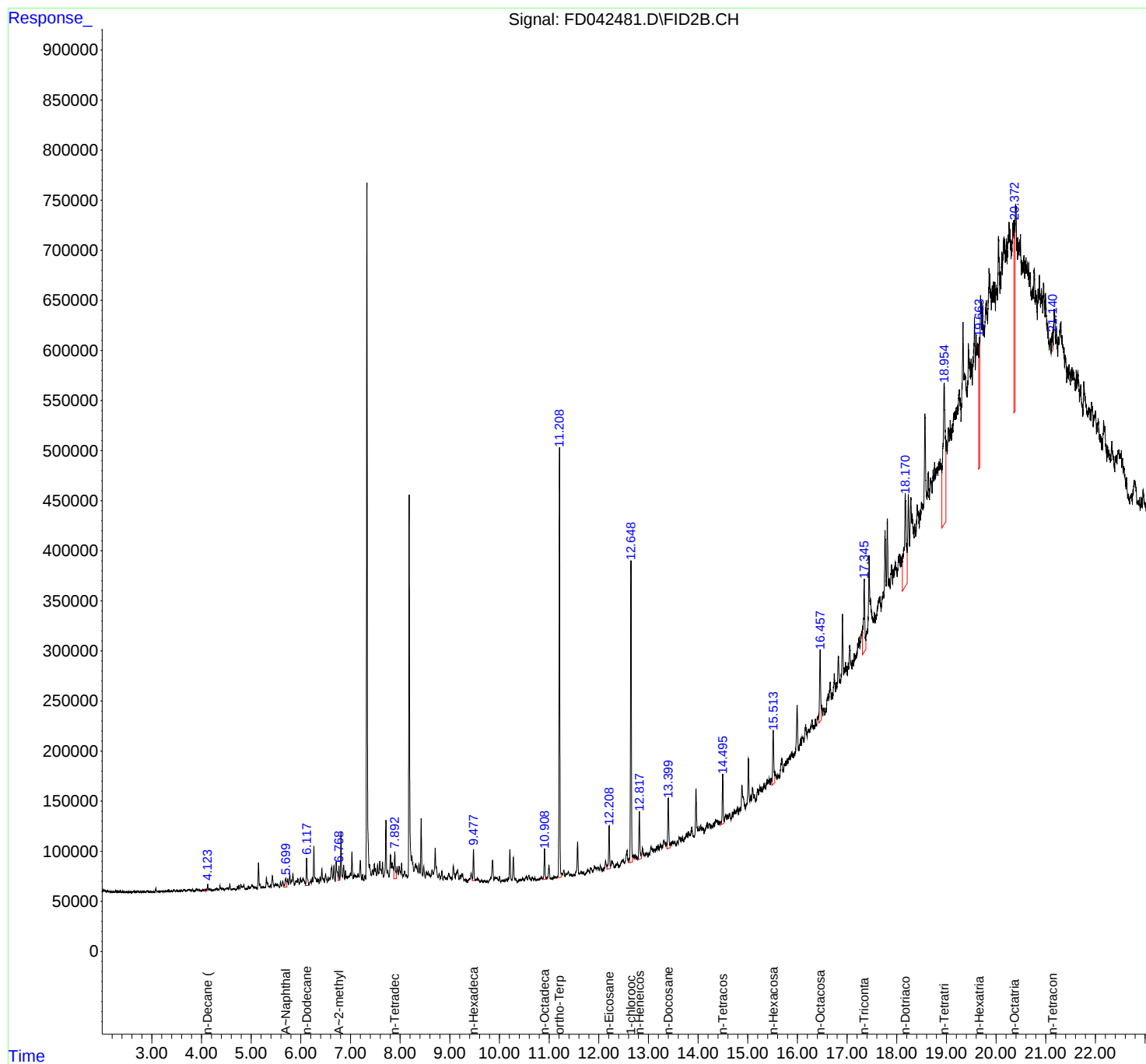
(m)=manual int.

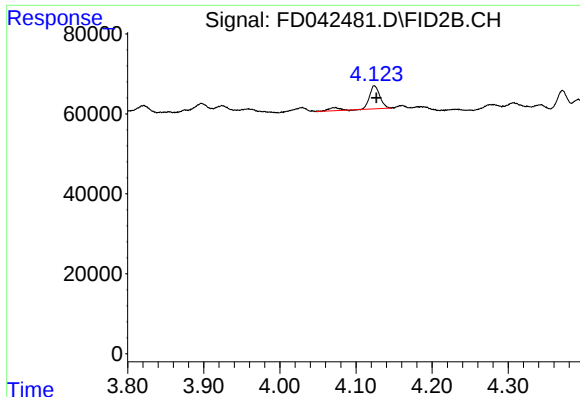
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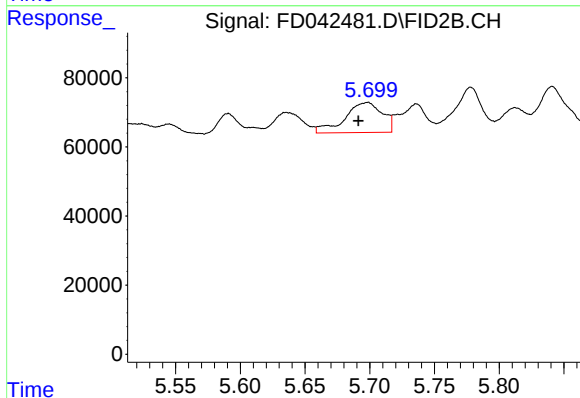




#2 n-Decane (C10)

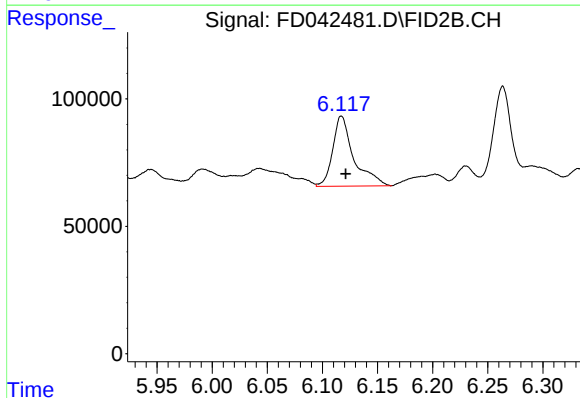
R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 62828
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



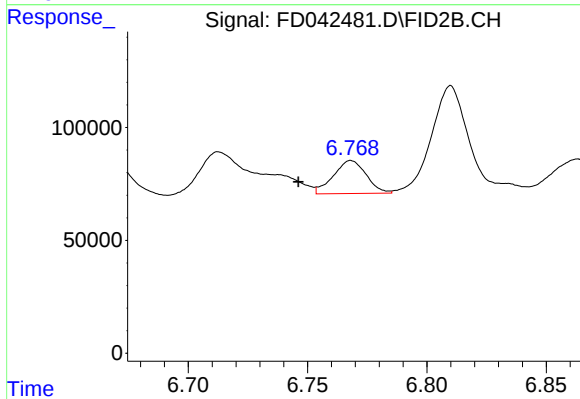
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.007 min
Response: 175909
Conc: 1.21 ug/ml



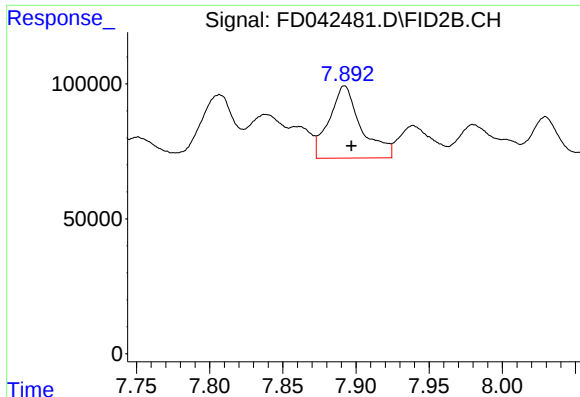
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 365131
Conc: 2.56 ug/ml



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

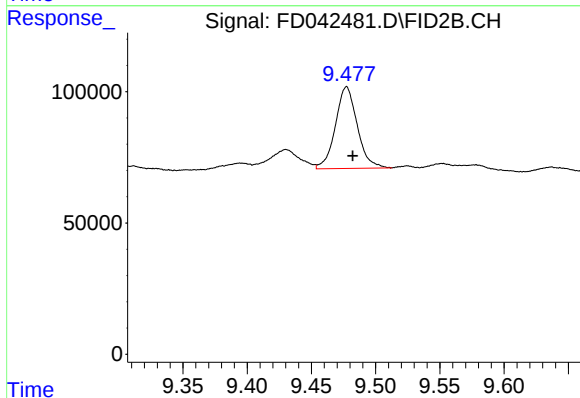
R.T.: 6.768 min
Delta R.T.: 0.022 min
Response: 139570
Conc: 1.00 ug/ml



#6 n-Tetradecane (C14)

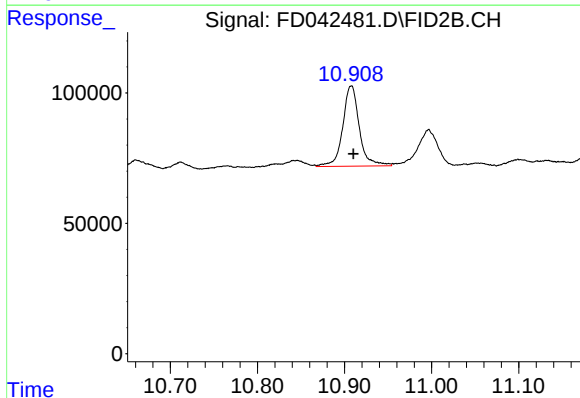
R.T.: 7.892 min
Delta R.T.: -0.005 min
Response: 407549
Conc: 2.86 ug/ml

Instrument :
FID_D
ClientSampleId :



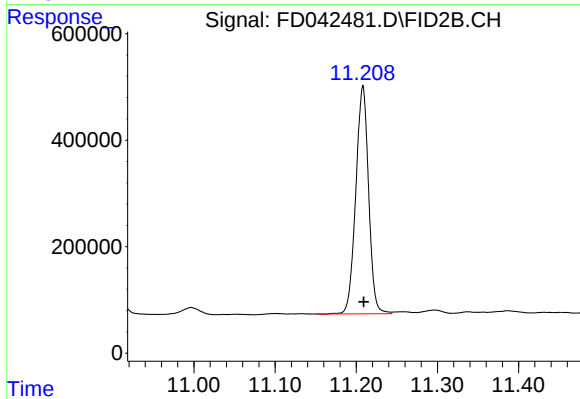
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 368987
Conc: 2.54 ug/ml



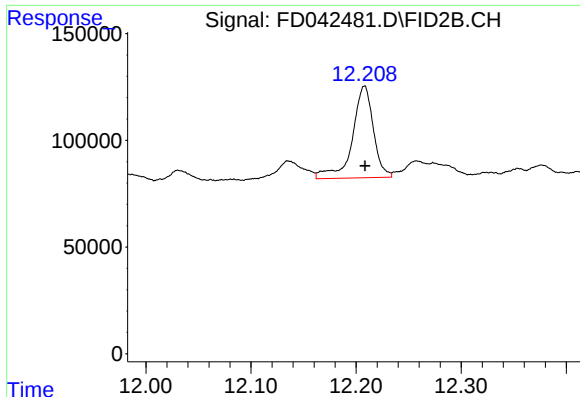
#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: -0.003 min
Response: 408447
Conc: 2.73 ug/ml



#9 ortho-Terphenyl (SURR)

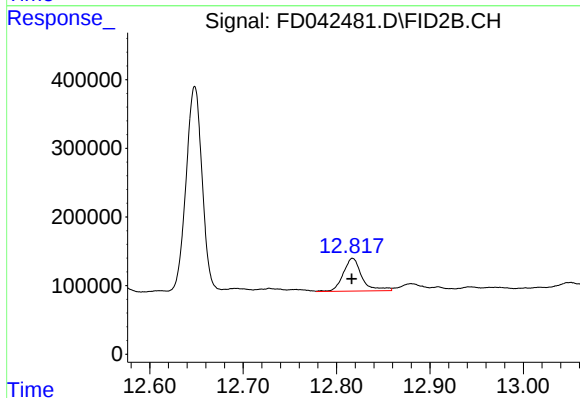
R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 4691674
Conc: 27.98 ug/ml



#10 n-Eicosane (C20)

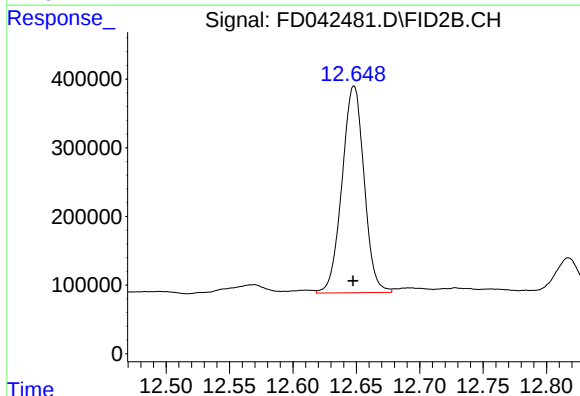
R.T.: 12.208 min
Delta R.T.: 0.000 min
Response: 597974
Conc: 3.91 ug/ml

Instrument :
FID_D
ClientSampleId :



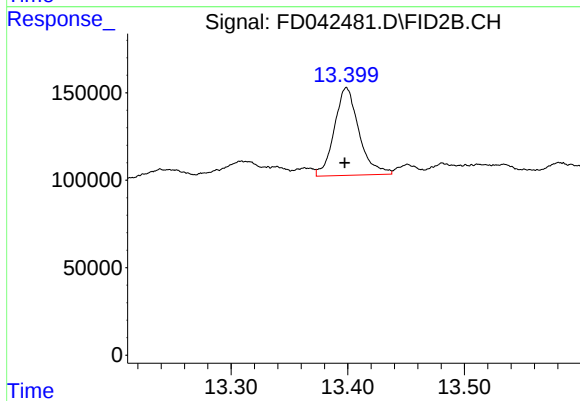
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.001 min
Response: 664626
Conc: 4.31 ug/ml



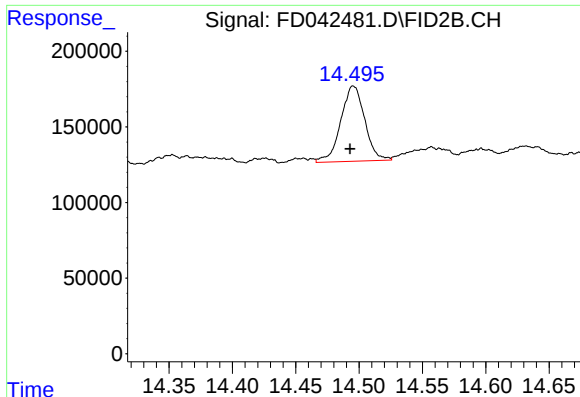
#12 1-chlorooctadecane (SURR)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 3650336
Conc: 27.66 ug/ml



#13 n-Docosane (C22)

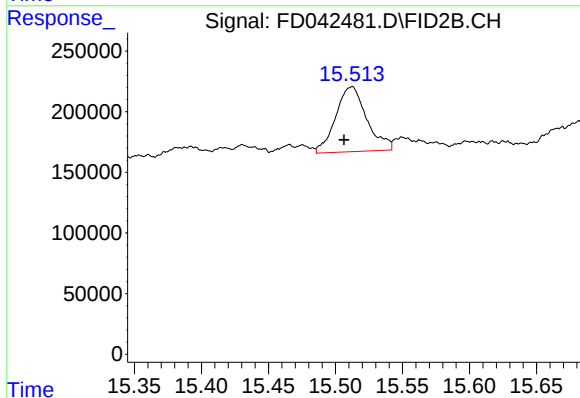
R.T.: 13.399 min
Delta R.T.: 0.001 min
Response: 736145
Conc: 4.78 ug/ml



#14 n-Tetracosane (C24)

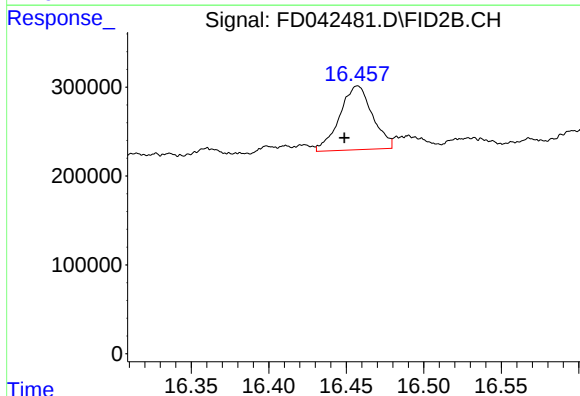
R.T.: 14.496 min
Delta R.T.: 0.003 min
Response: 655731
Conc: 4.24 ug/ml

Instrument :
FID_D
ClientSampleId :



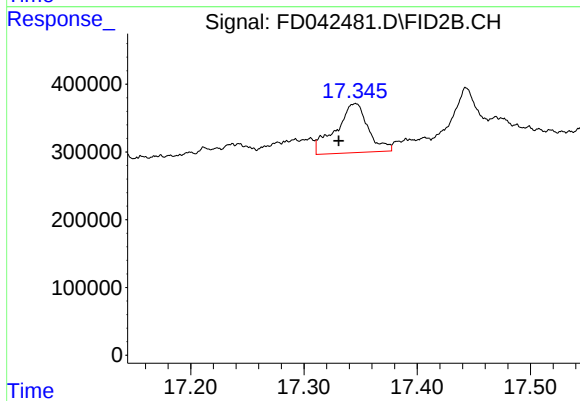
#15 n-Hexacosane (C26)

R.T.: 15.512 min
Delta R.T.: 0.006 min
Response: 865856
Conc: 5.63 ug/ml



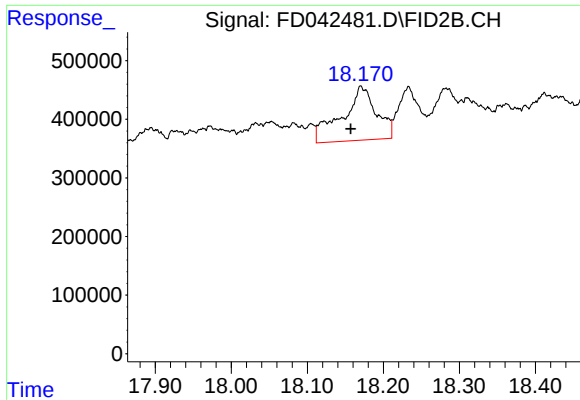
#16 n-Octacosane (C28)

R.T.: 16.457 min
Delta R.T.: 0.008 min
Response: 1056436
Conc: 6.91 ug/ml



#17 n-Tricontane (C30)

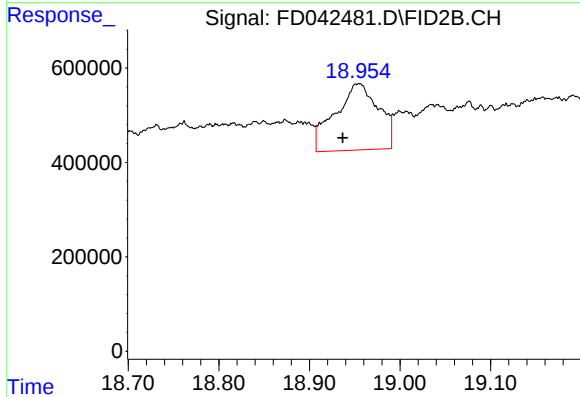
R.T.: 17.345 min
Delta R.T.: 0.015 min
Response: 1436787
Conc: 9.58 ug/ml



#18 n-Dotriacontane (C32)

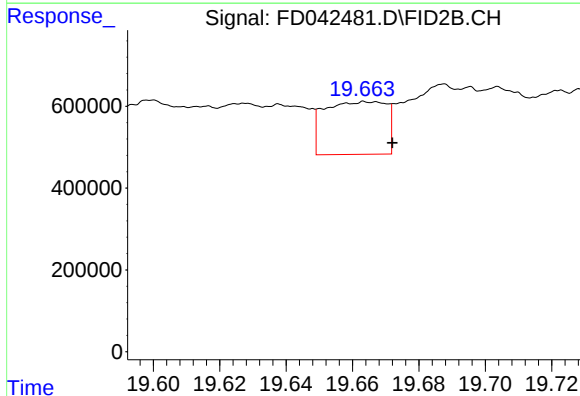
R.T.: 18.170 min
Delta R.T.: 0.013 min
Response: 2881491
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



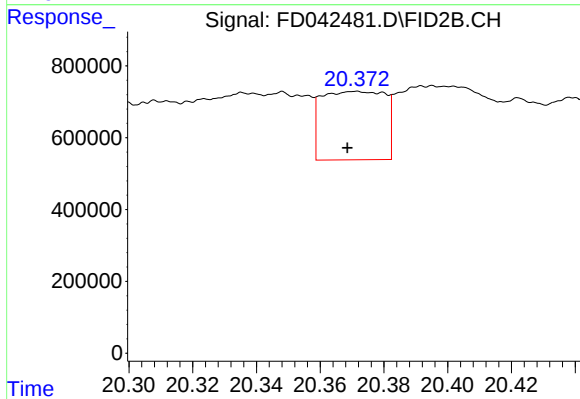
#19 n-Tetratriacontane (C34)

R.T.: 18.955 min
Delta R.T.: 0.018 min
Response: 4700496
Conc: 36.53 ug/ml



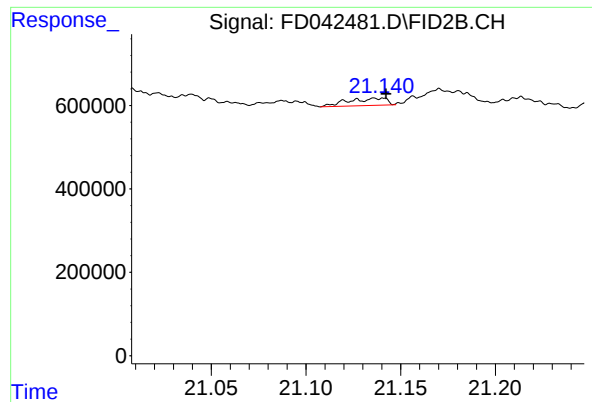
#20 n-Hexatriacontane (C36)

R.T.: 19.665 min
Delta R.T.: -0.007 min
Response: 1667347
Conc: 14.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.003 min
Response: 2633940
Conc: 26.40 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.141 min
Delta R.T.: -0.002 min
Response: 248140
Conc: 2.75 ug/ml

Instrument :

FID_D

ClientSampleId :