

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081922AL\
 Data File : FD043678.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 11:17
 Operator : YP/AJ
 Sample : N4240-01RE
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 19 15:29:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.523	5116161	32.321 ug/ml
Spiked Amount 50.000		Recovery =	64.64%
12) S 1-chlorooctadecane (S...	12.982	77625182	633.364 ug/ml
Spiked Amount 50.000		Recovery =	1266.73%
Target Compounds			
7) T n-Hexadecane (C16)	9.768	78125	0.551 ug/ml
8) T n-Octadecane (C18)	11.207	103293	0.722 ug/ml
10) T n-Eicosane (C20)	12.514	119466	0.825 ug/ml
11) T n-Heneicosane (C21)	13.102	44620	0.307 ug/ml
13) T n-Docosane (C22)	13.716	153295	1.057 ug/ml
14) T n-Tetracosane (C24)	14.799	550221	3.798 ug/ml
15) T n-Hexacosane (C26)	15.829	176200	1.225 ug/ml
16) T n-Octacosane (C28)	16.776	103624	0.733 ug/ml
17) T n-Tricontane (C30)	17.661	159382	1.129 ug/ml
18) T n-Dotriacontane (C32)	18.491	190290	1.376 ug/ml
19) T n-Tetratriacontane (C34)	19.274	129159	1.004 ug/ml
20) T n-Hexatriacontane (C36)	20.012	136824	1.109 ug/ml
21) T n-Octatriacontane (C38)	20.733	725084	6.132 ug/ml

(f)=RT Delta > 1/2 Window

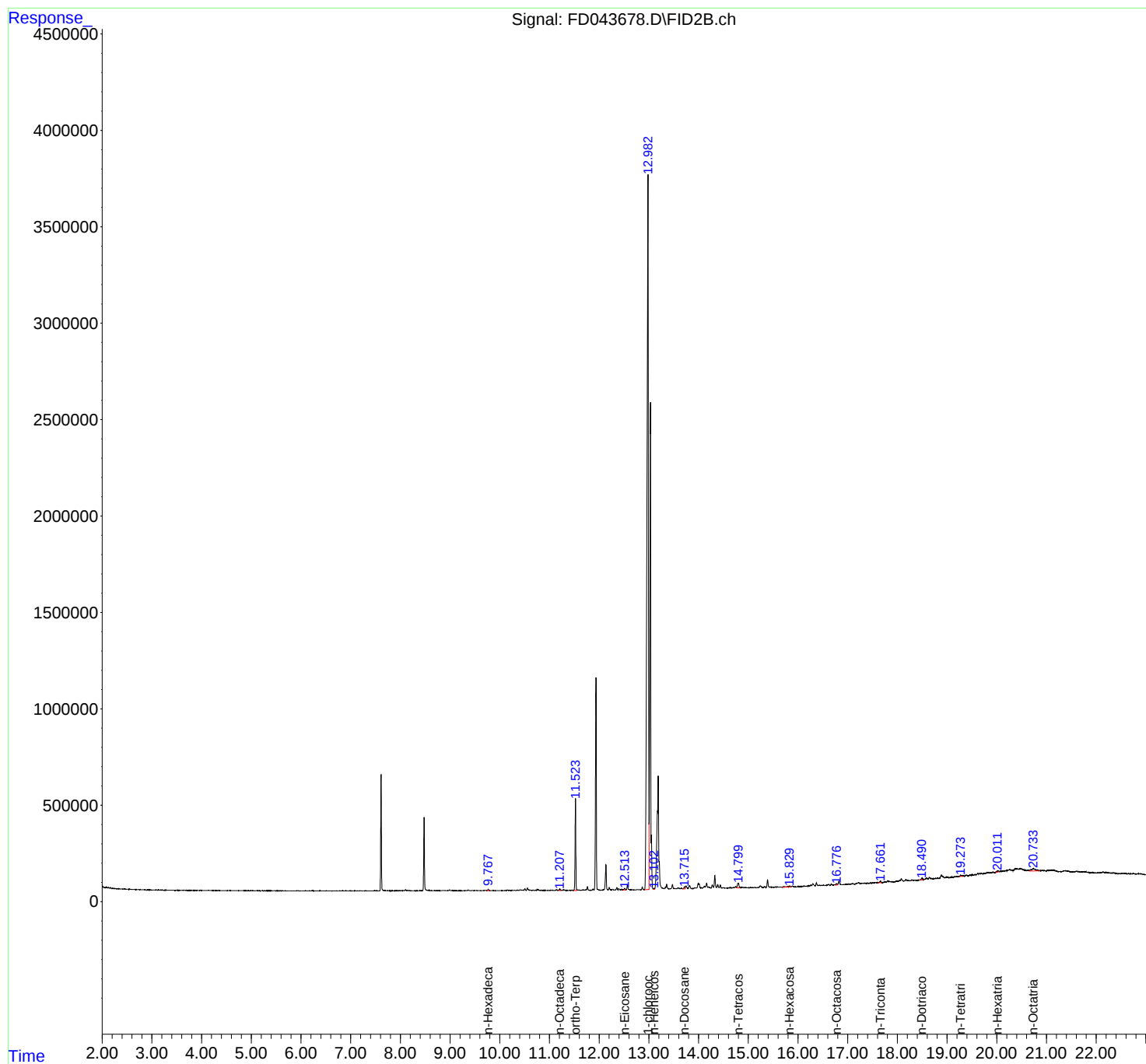
(m)=manual int.

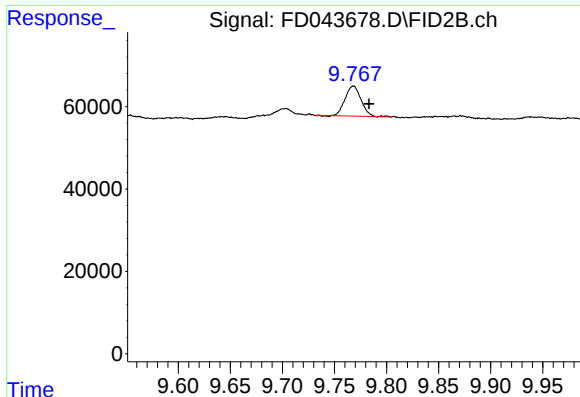
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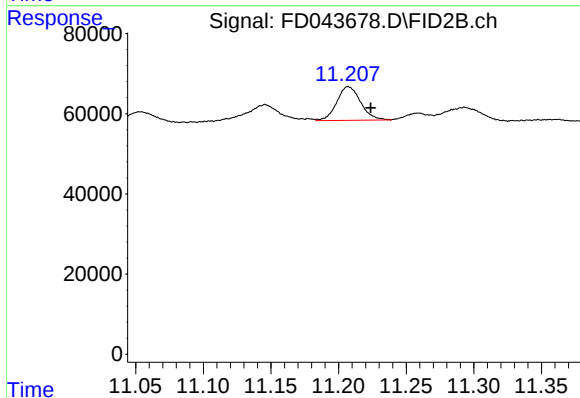




#7 n-Hexadecane (C16)

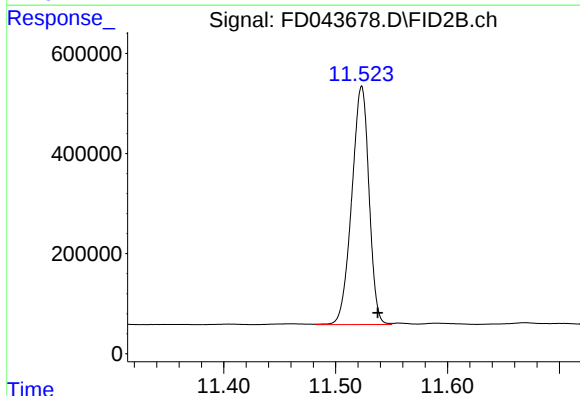
R.T.: 9.768 min
Delta R.T.: -0.015 min
Response: 78125
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



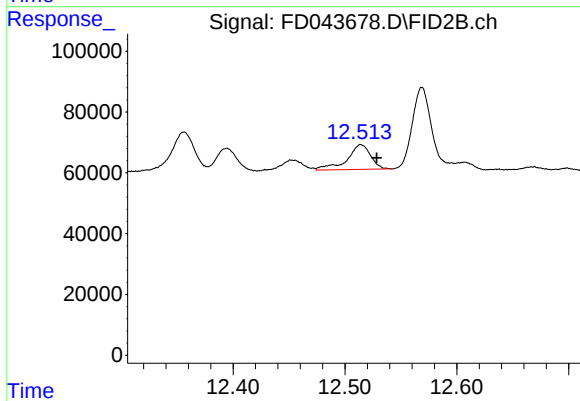
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.017 min
Response: 103293
Conc: 0.72 ug/ml



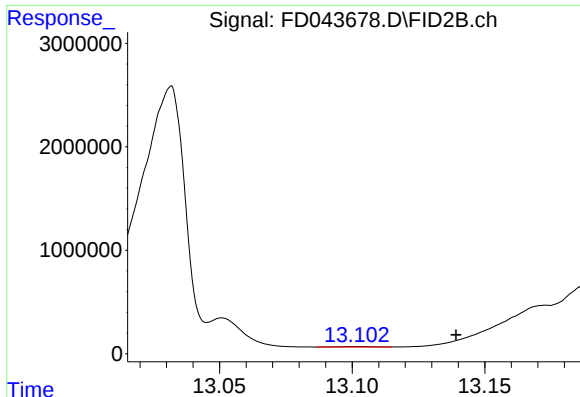
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.014 min
Response: 5116161
Conc: 32.32 ug/ml



#10 n-Eicosane (C20)

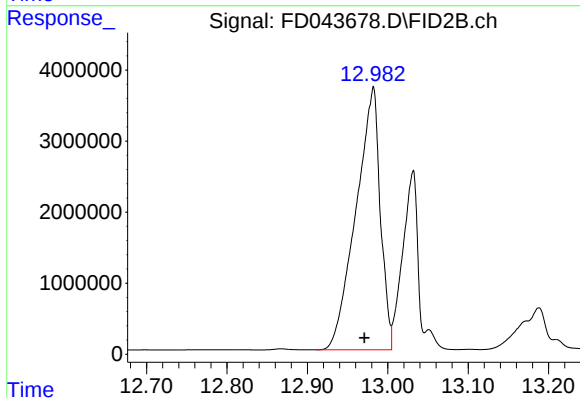
R.T.: 12.514 min
Delta R.T.: -0.014 min
Response: 119466
Conc: 0.83 ug/ml



#11 n-Heneicosane (C21)

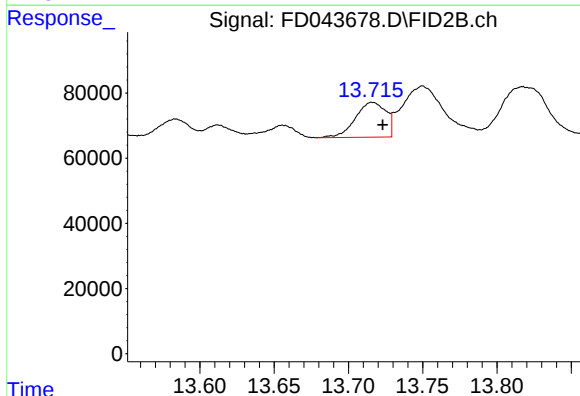
R.T.: 13.102 min
Delta R.T.: -0.038 min
Response: 44620
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



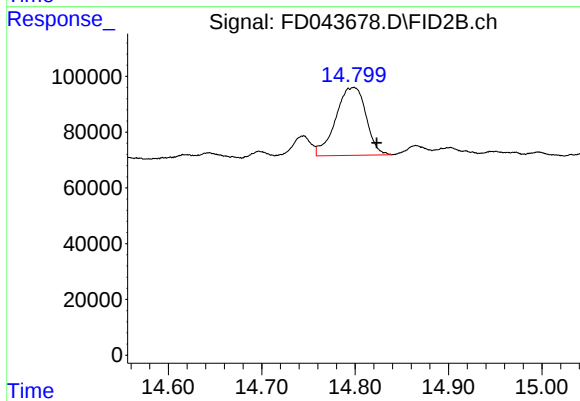
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: 0.011 min
Response: 77625182
Conc: 633.36 ug/ml



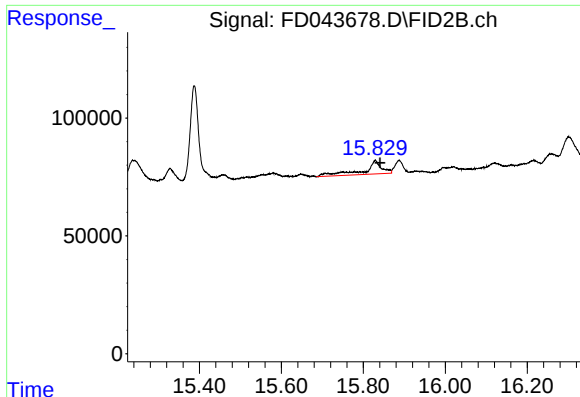
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.007 min
Response: 153295
Conc: 1.06 ug/ml



#14 n-Tetracosane (C24)

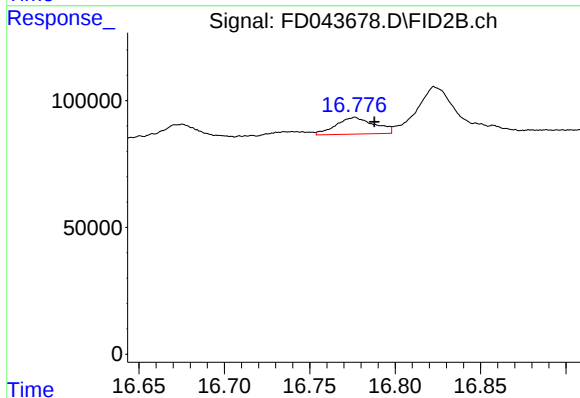
R.T.: 14.799 min
Delta R.T.: -0.024 min
Response: 550221
Conc: 3.80 ug/ml



#15 n-Hexacosane (C26)

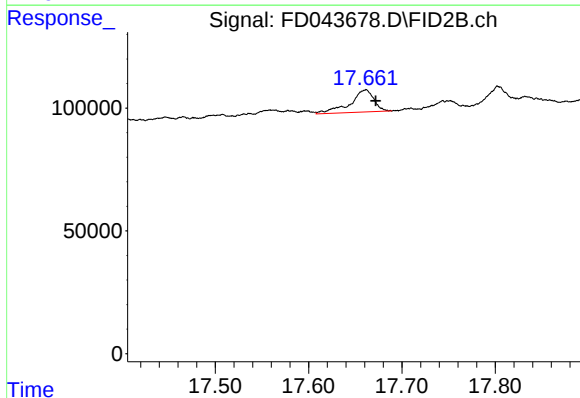
R.T.: 15.829 min
Delta R.T.: -0.012 min
Response: 176200
Conc: 1.22 ug/ml

Instrument :
FID_D
ClientSampleId :



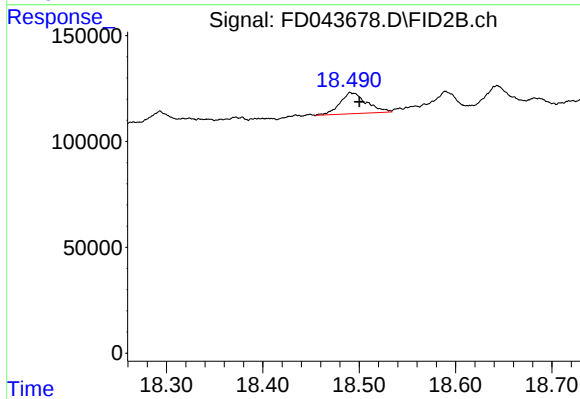
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.012 min
Response: 103624
Conc: 0.73 ug/ml



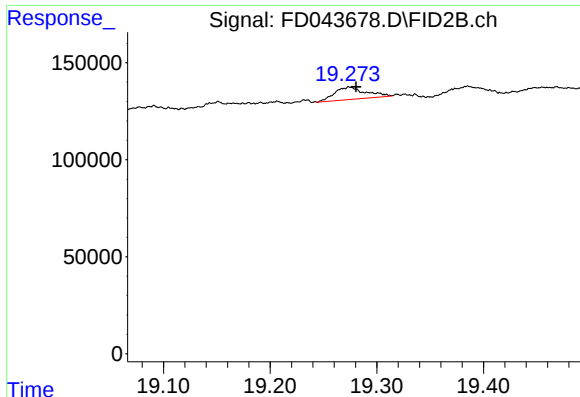
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.011 min
Response: 159382
Conc: 1.13 ug/ml



#18 n-Dotriacontane (C32)

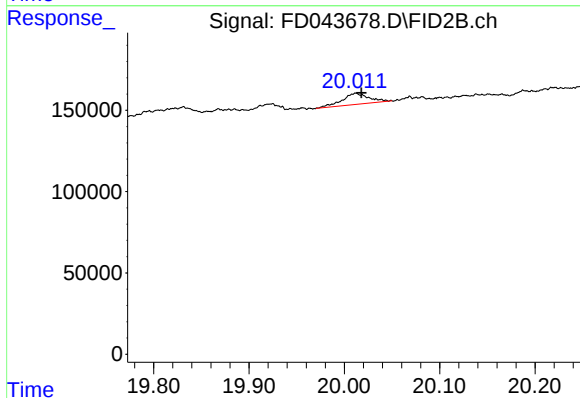
R.T.: 18.491 min
Delta R.T.: -0.009 min
Response: 190290
Conc: 1.38 ug/ml



#19 n-Tetratriacontane (C34)

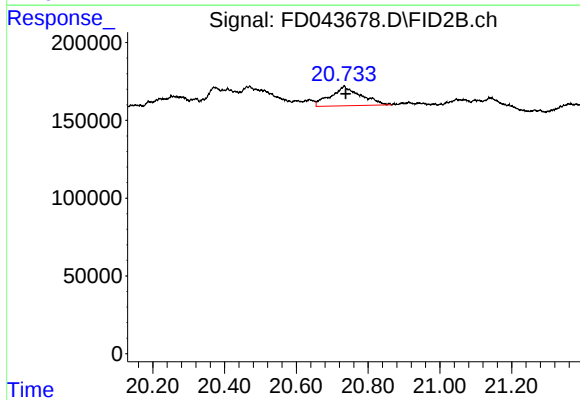
R.T.: 19.274 min
Delta R.T.: -0.006 min
Response: 129159
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: -0.006 min
Response: 136824
Conc: 1.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.005 min
Response: 725084
Conc: 6.13 ug/ml