

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AL\
 Data File : FD043667.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 00:27
 Operator : YP/AJ
 Sample : N4240-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 19 03:55:19 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)	11.522	5178342	32.714 ug/ml
Spiked Amount 50.000		Recovery =	65.43%
12) S 1-chlorooctadecane (S...	12.981	78099283	637.232 ug/ml
Spiked Amount 50.000		Recovery =	1274.46%
Target Compounds			
7) T n-Hexadecane (C16)	9.767	77713	0.548 ug/ml
8) T n-Octadecane (C18)	11.207	99291	0.694 ug/ml
10) T n-Eicosane (C20)	12.514	116276	0.803 ug/ml
11) T n-Heneicosane (C21)	13.101	74980	0.516 ug/ml
13) T n-Docosane (C22)	13.715	149471	1.030 ug/ml
14) T n-Tetracosane (C24)	14.798	556141	3.839 ug/ml
15) T n-Hexacosane (C26)	15.826	115132	0.800 ug/ml
16) T n-Octacosane (C28)	16.774	127098	0.898 ug/ml
17) T n-Tricontane (C30)	17.658	141312	1.001 ug/ml
18) T n-Dotriacontane (C32)	18.492	220764	1.596 ug/ml
19) T n-Tetratriacontane (C34)	19.267	189787	1.475 ug/ml
20) T n-Hexatriacontane (C36)	20.011	105990	0.859 ug/ml
21) T n-Octatriacontane (C38)	20.737	797701	6.746 ug/ml

(f)=RT Delta > 1/2 Window

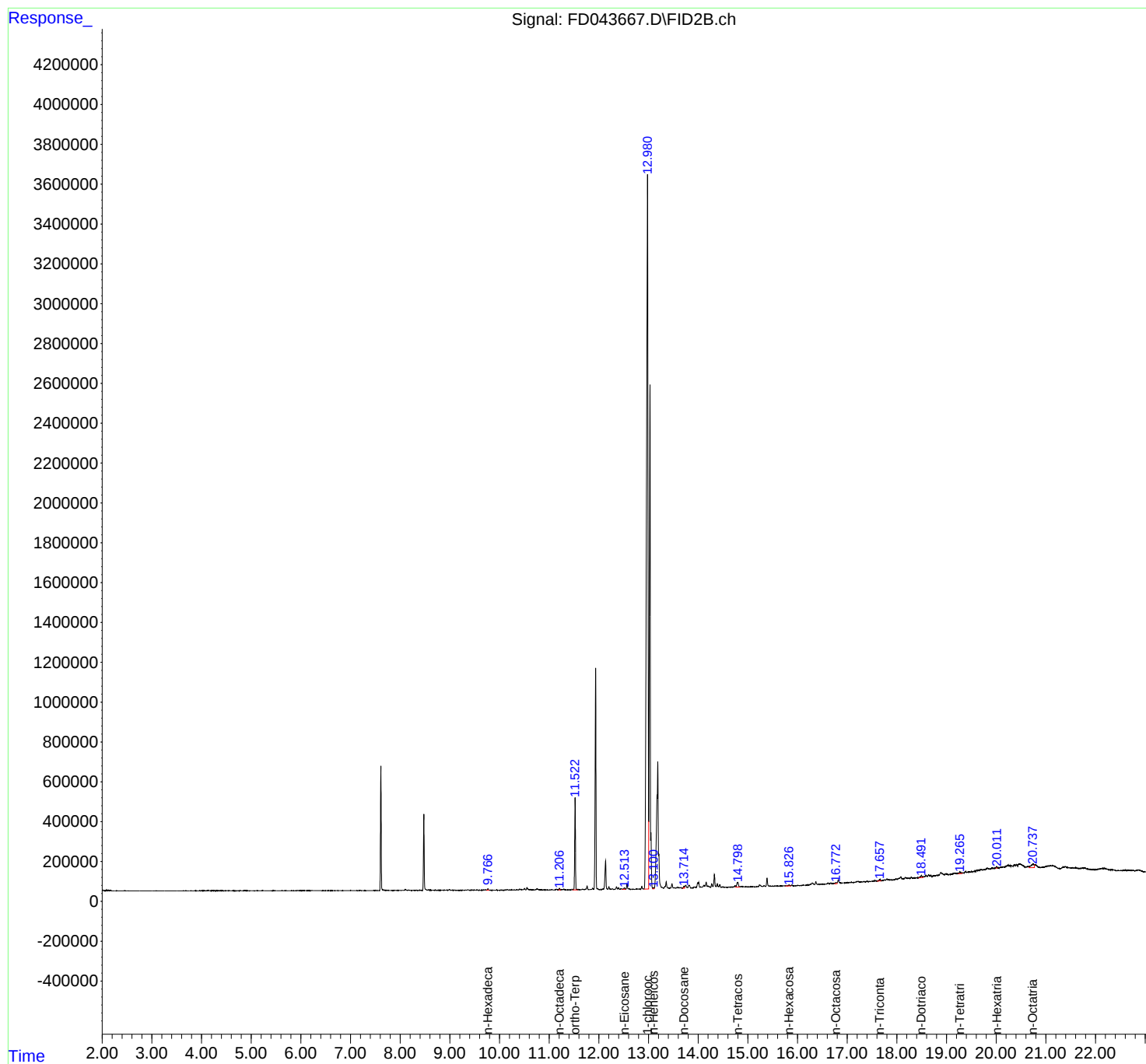
(m)=manual int.

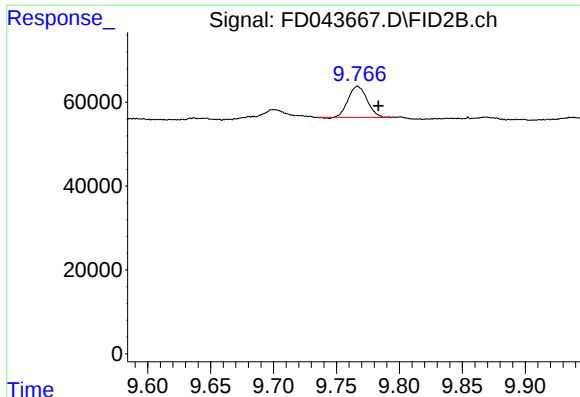
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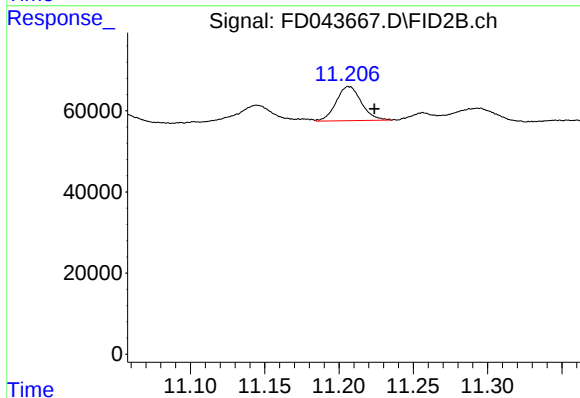




#7 n-Hexadecane (C16)

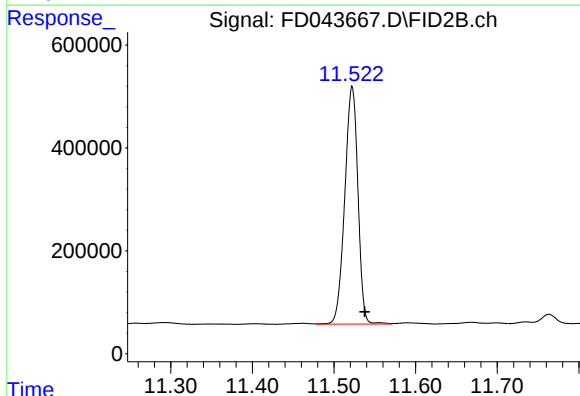
R.T.: 9.767 min
Delta R.T.: -0.016 min
Response: 77713
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



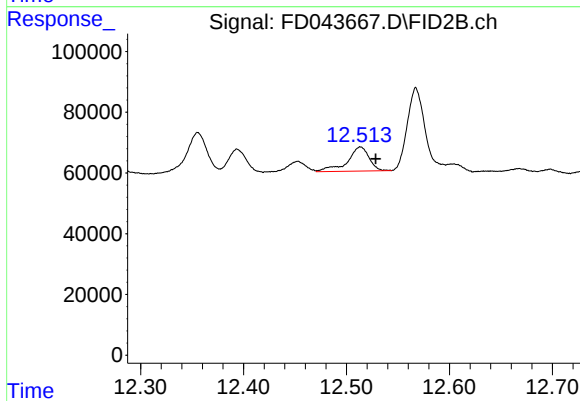
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.017 min
Response: 99291
Conc: 0.69 ug/ml



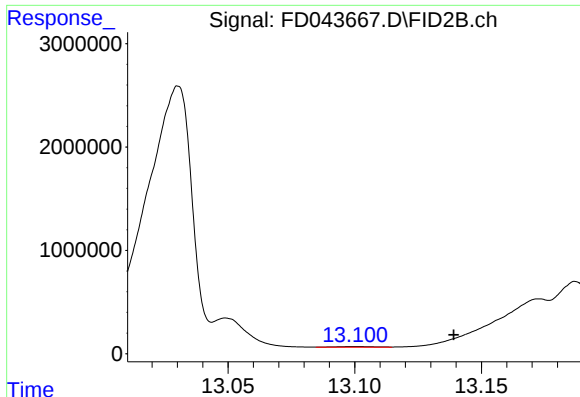
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.016 min
Response: 5178342
Conc: 32.71 ug/ml



#10 n-Eicosane (C20)

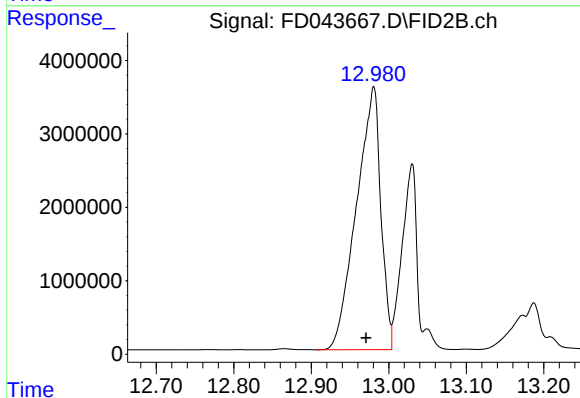
R.T.: 12.514 min
Delta R.T.: -0.015 min
Response: 116276
Conc: 0.80 ug/ml



#11 n-Heneicosane (C21)

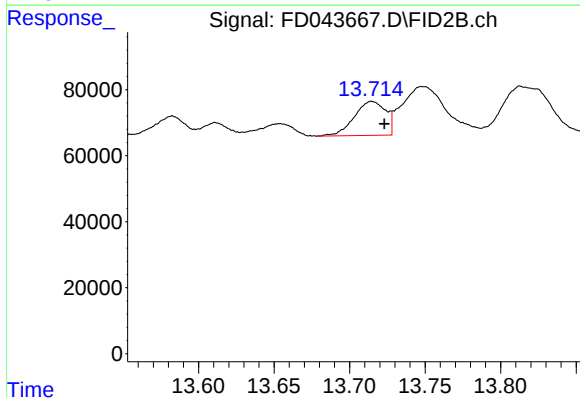
R.T.: 13.101 min
Delta R.T.: -0.038 min
Response: 74980
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



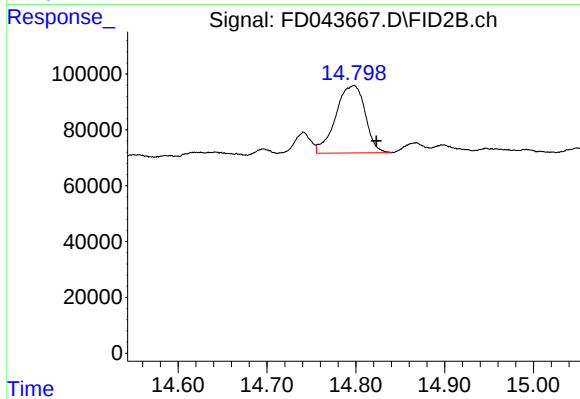
#12 1-chlorooctadecane (SURR)

R.T.: 12.981 min
Delta R.T.: 0.010 min
Response: 78099283
Conc: 637.23 ug/ml



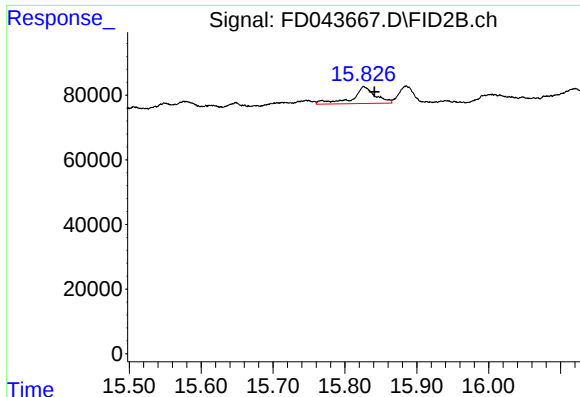
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.008 min
Response: 149471
Conc: 1.03 ug/ml



#14 n-Tetracosane (C24)

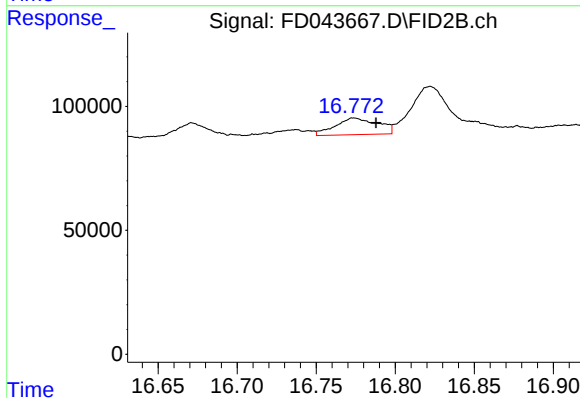
R.T.: 14.798 min
Delta R.T.: -0.025 min
Response: 556141
Conc: 3.84 ug/ml



#15 n-Hexacosane (C26)

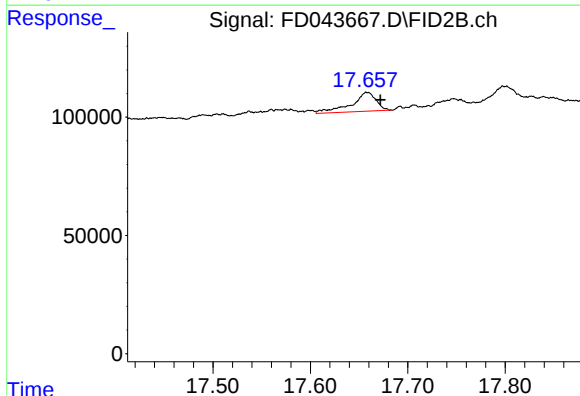
R.T.: 15.826 min
Delta R.T.: -0.015 min
Response: 115132
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



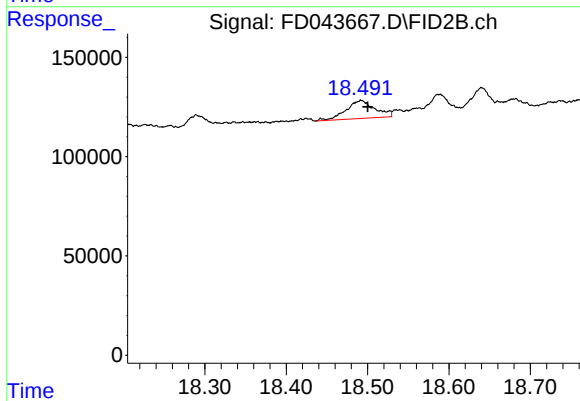
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.014 min
Response: 127098
Conc: 0.90 ug/ml



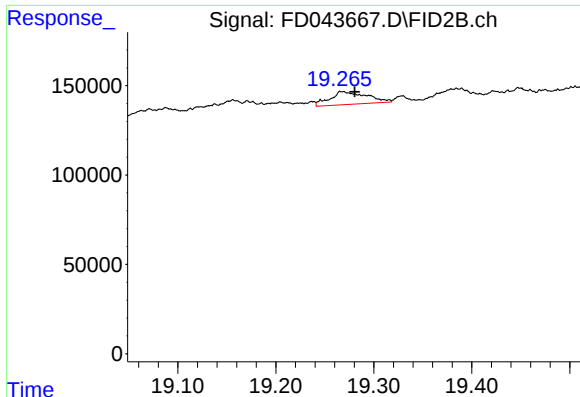
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.014 min
Response: 141312
Conc: 1.00 ug/ml



#18 n-Dotriacontane (C32)

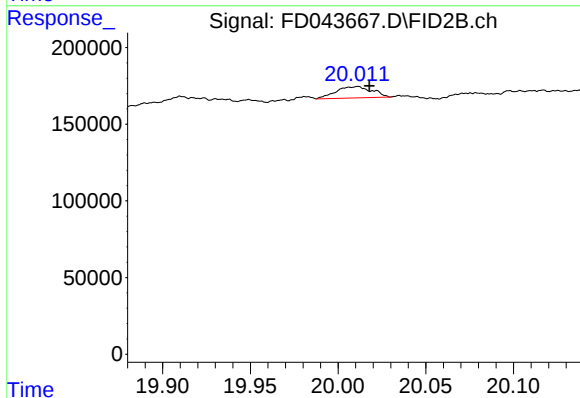
R.T.: 18.492 min
Delta R.T.: -0.008 min
Response: 220764
Conc: 1.60 ug/ml



#19 n-Tetratriacontane (C34)

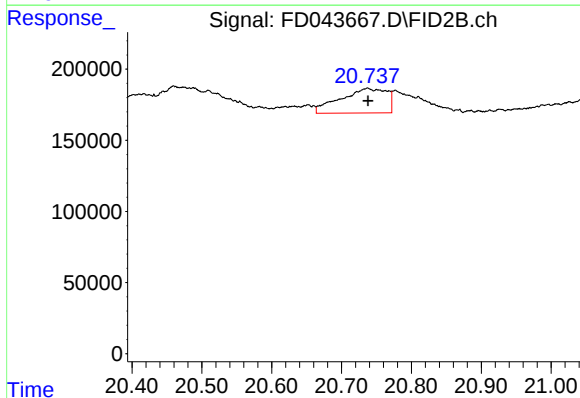
R.T.: 19.267 min
Delta R.T.: -0.013 min
Response: 189787
Conc: 1.47 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: -0.007 min
Response: 105990
Conc: 0.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 797701
Conc: 6.75 ug/ml