

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046174.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 17:02
 Operator : YP/AJ
 Sample : 03660-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 23:23:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 2023
 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)	11.401	5833453	33.458 ug/ml
Spiked Amount 50.000		Recovery =	66.92%
12) S 1-chlorooctadecane (S...	12.835	4117225	34.217 ug/ml
Spiked Amount 50.000		Recovery =	68.43%
Target Compounds			
6) T n-Tetradecane (C14)	8.122	336977	2.118 ug/ml
8) T n-Octadecane (C18)	11.093	87920	0.545 ug/ml
10) T n-Eicosane (C20)	12.427	491048	3.290 ug/ml
11) T n-Heneicosane (C21)	13.008	142850	0.990 ug/ml
13) T n-Docosane (C22)	13.582	117760	0.843 ug/ml
14) T n-Tetracosane (C24)	14.679	40967	0.298 ug/ml
15) T n-Hexacosane (C26)	15.692	109638	0.858 ug/ml
16) T n-Octacosane (C28)	16.644	163012	1.339 ug/ml
17) T n-Tricontane (C30)	17.505	331328	2.677 ug/ml
18) T n-Dotriacontane (C32)	18.336	1214200	9.944 ug/ml
19) T n-Tetratriacontane (C34)	19.130	635497	4.967 ug/ml
20) T n-Hexatriacontane (C36)	19.859	822852	7.185 ug/ml
21) T n-Octatriacontane (C38)	20.562	1028491	9.135 ug/ml

(f)=RT Delta > 1/2 Window

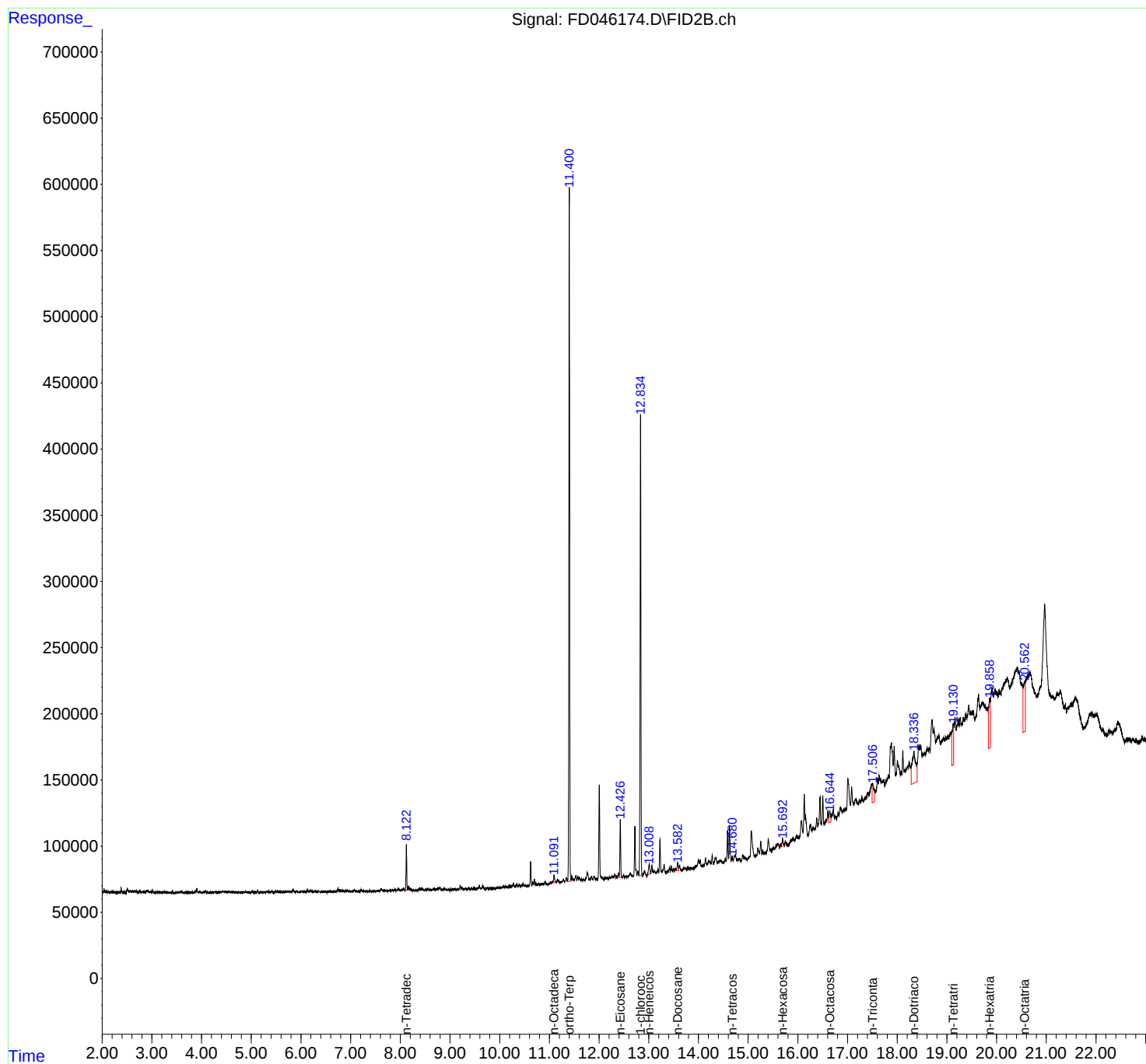
(m)=manual int.

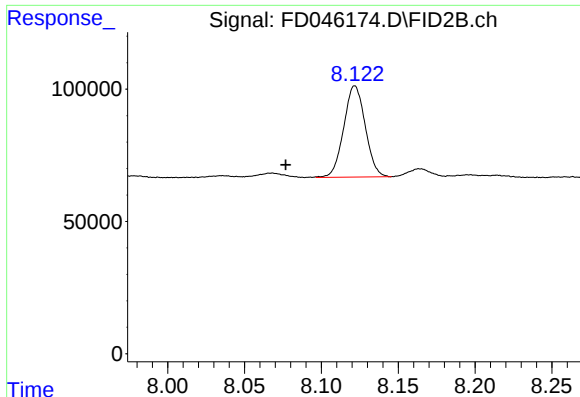
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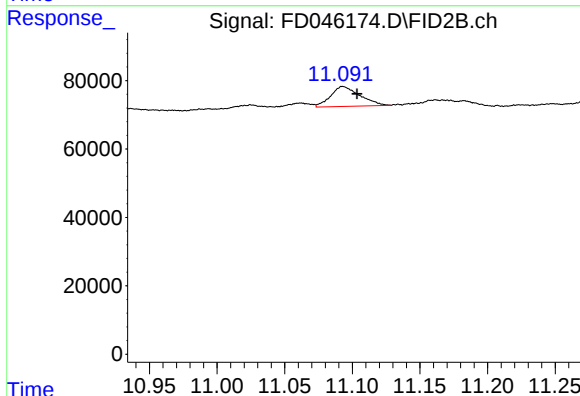




#6 n-Tetradecane (C14)

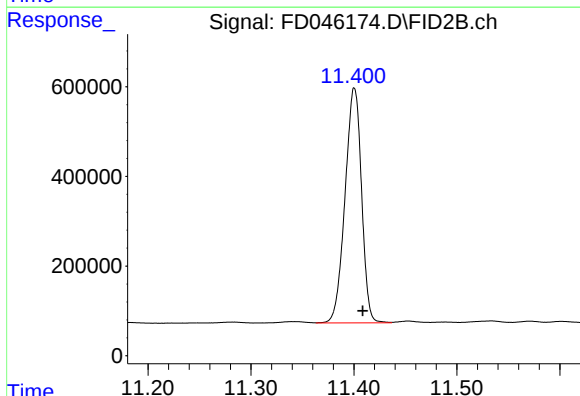
R.T.: 8.122 min
Delta R.T.: 0.045 min
Response: 336977
Conc: 2.12 ug/ml

Instrument :
FID_D
ClientSampleId :



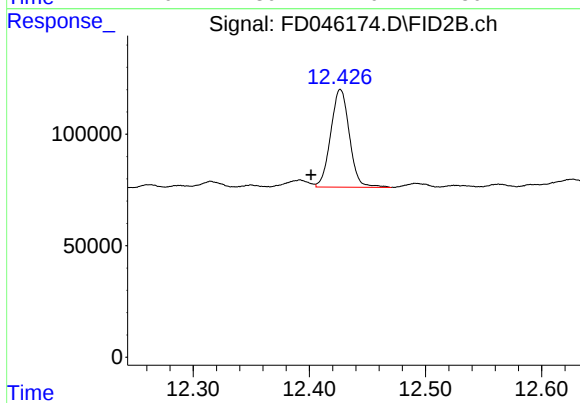
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: -0.010 min
Response: 87920
Conc: 0.55 ug/ml



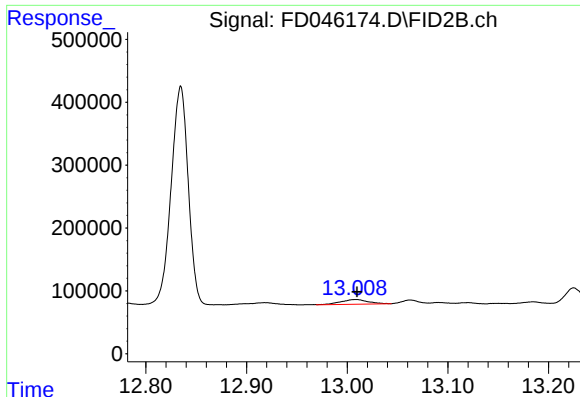
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: -0.008 min
Response: 5833453
Conc: 33.46 ug/ml



#10 n-Eicosane (C20)

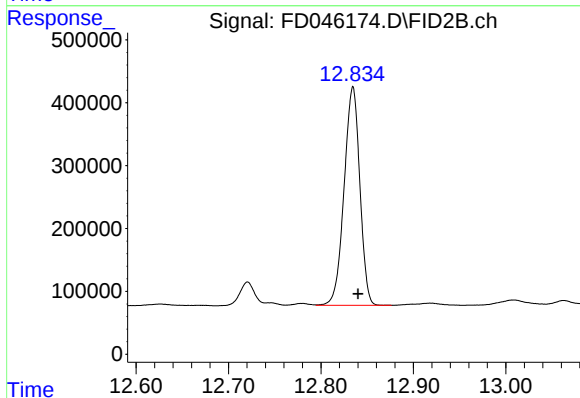
R.T.: 12.427 min
Delta R.T.: 0.025 min
Response: 491048
Conc: 3.29 ug/ml



#11 n-Heneicosane (C21)

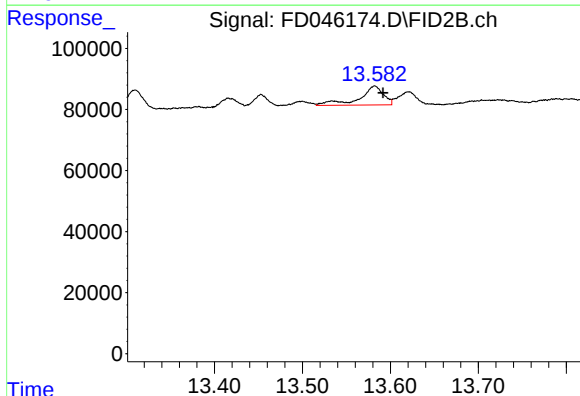
R.T.: 13.008 min
Delta R.T.: -0.002 min
Response: 142850
Conc: 0.99 ug/ml

Instrument :
FID_D
ClientSampleId :



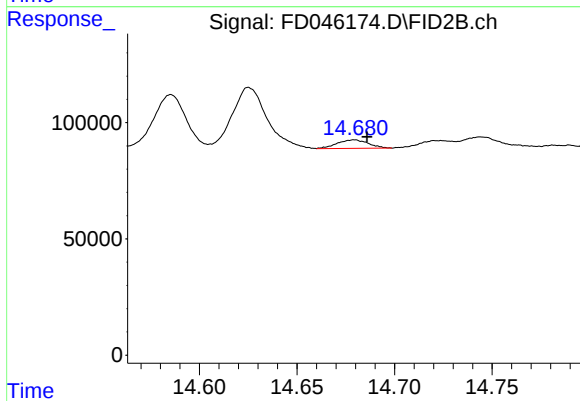
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: -0.005 min
Response: 4117225
Conc: 34.22 ug/ml



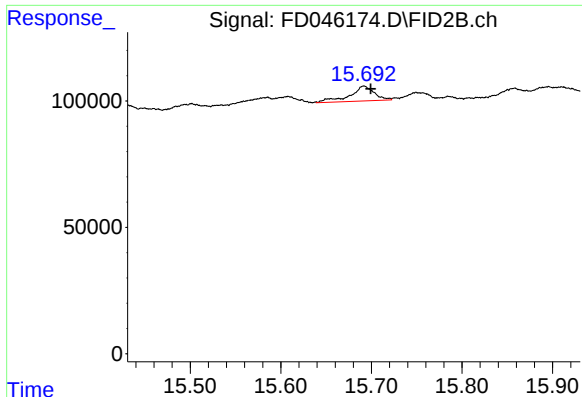
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: -0.009 min
Response: 117760
Conc: 0.84 ug/ml



#14 n-Tetracosane (C24)

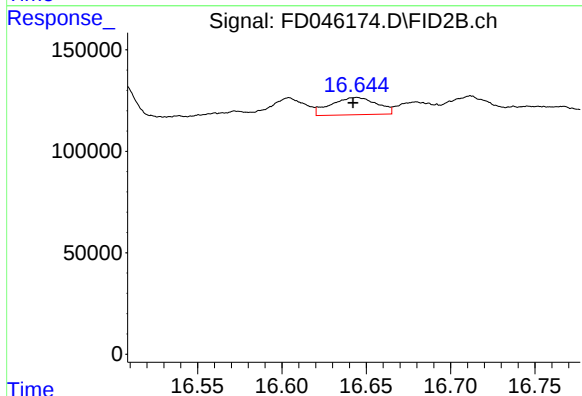
R.T.: 14.679 min
Delta R.T.: -0.007 min
Response: 40967
Conc: 0.30 ug/ml



#15 n-Hexacosane (C26)

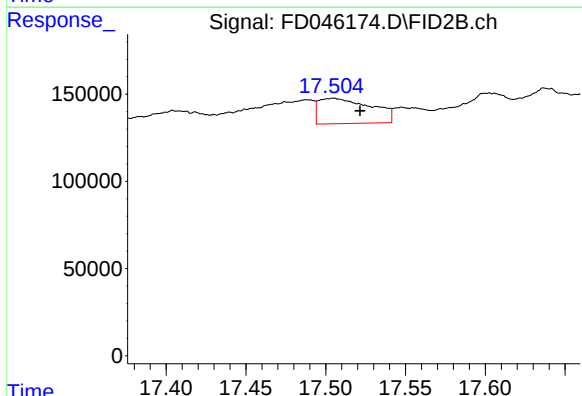
R.T.: 15.692 min
Delta R.T.: -0.007 min
Response: 109638
Conc: 0.86 ug/ml

Instrument :
FID_D
ClientSampleId :



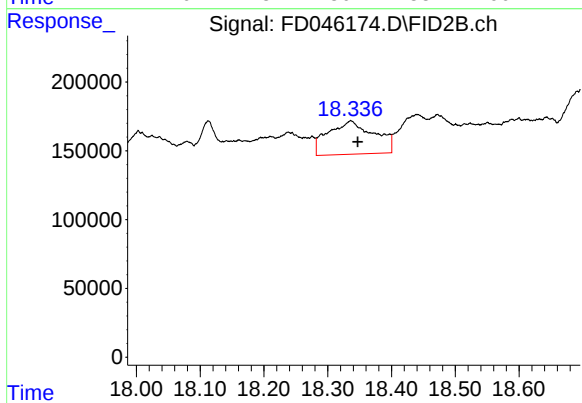
#16 n-Octacosane (C28)

R.T.: 16.644 min
Delta R.T.: 0.002 min
Response: 163012
Conc: 1.34 ug/ml



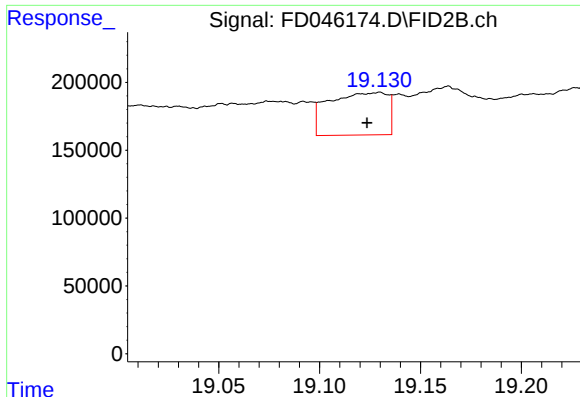
#17 n-Tricontane (C30)

R.T.: 17.505 min
Delta R.T.: -0.017 min
Response: 331328
Conc: 2.68 ug/ml



#18 n-Dotriacontane (C32)

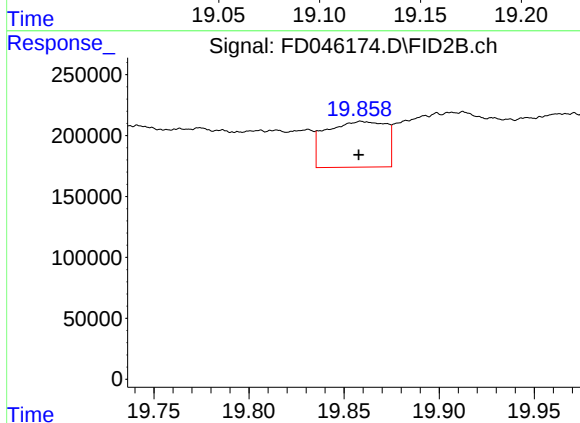
R.T.: 18.336 min
Delta R.T.: -0.011 min
Response: 1214200
Conc: 9.94 ug/ml



#19 n-Tetratriacontane (C34)

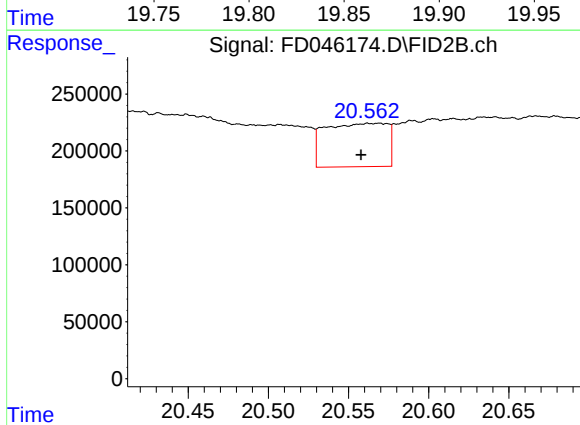
R.T.: 19.130 min
Delta R.T.: 0.006 min
Response: 635497
Conc: 4.97 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: 0.001 min
Response: 822852
Conc: 7.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.562 min
Delta R.T.: 0.005 min
Response: 1028491
Conc: 9.14 ug/ml