

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046175.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 17:50
 Operator : YP/AJ
 Sample : 03660-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 23:24:06 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)	11.402	5523712	31.682 ug/ml
Spiked Amount 50.000		Recovery =	63.36%
12) S 1-chlorooctadecane (S...	12.837	3908670	32.484 ug/ml
Spiked Amount 50.000		Recovery =	64.97%
Target Compounds			
6) T n-Tetradecane (C14)	8.124	327877	2.061 ug/ml
8) T n-Octadecane (C18)	11.095	97190	0.603 ug/ml
10) T n-Eicosane (C20)	12.394	49911	0.334 ug/ml
11) T n-Heneicosane (C21)	13.009	134056	0.929 ug/ml
13) T n-Docosane (C22)	13.585	133012	0.952 ug/ml
14) T n-Tetracosane (C24)	14.682	39537	0.287 ug/ml
15) T n-Hexacosane (C26)	15.696	118933	0.930 ug/ml
16) T n-Octacosane (C28)	16.646	221214	1.817 ug/ml
17) T n-Tricontane (C30)	17.509	847300	6.846 ug/ml
18) T n-Dotriacontane (C32)	18.341	1476148	12.089 ug/ml
19) T n-Tetratriacontane (C34)	19.138	955870	7.471 ug/ml
20) T n-Hexatriacontane (C36)	19.864	1493047	13.037 ug/ml
21) T n-Octatriacontane (C38)	20.626f	1892002	16.805 ug/ml
22) T n-Tetracontane (C40)	21.394	73910	0.689 ug/ml

(f)=RT Delta > 1/2 Window

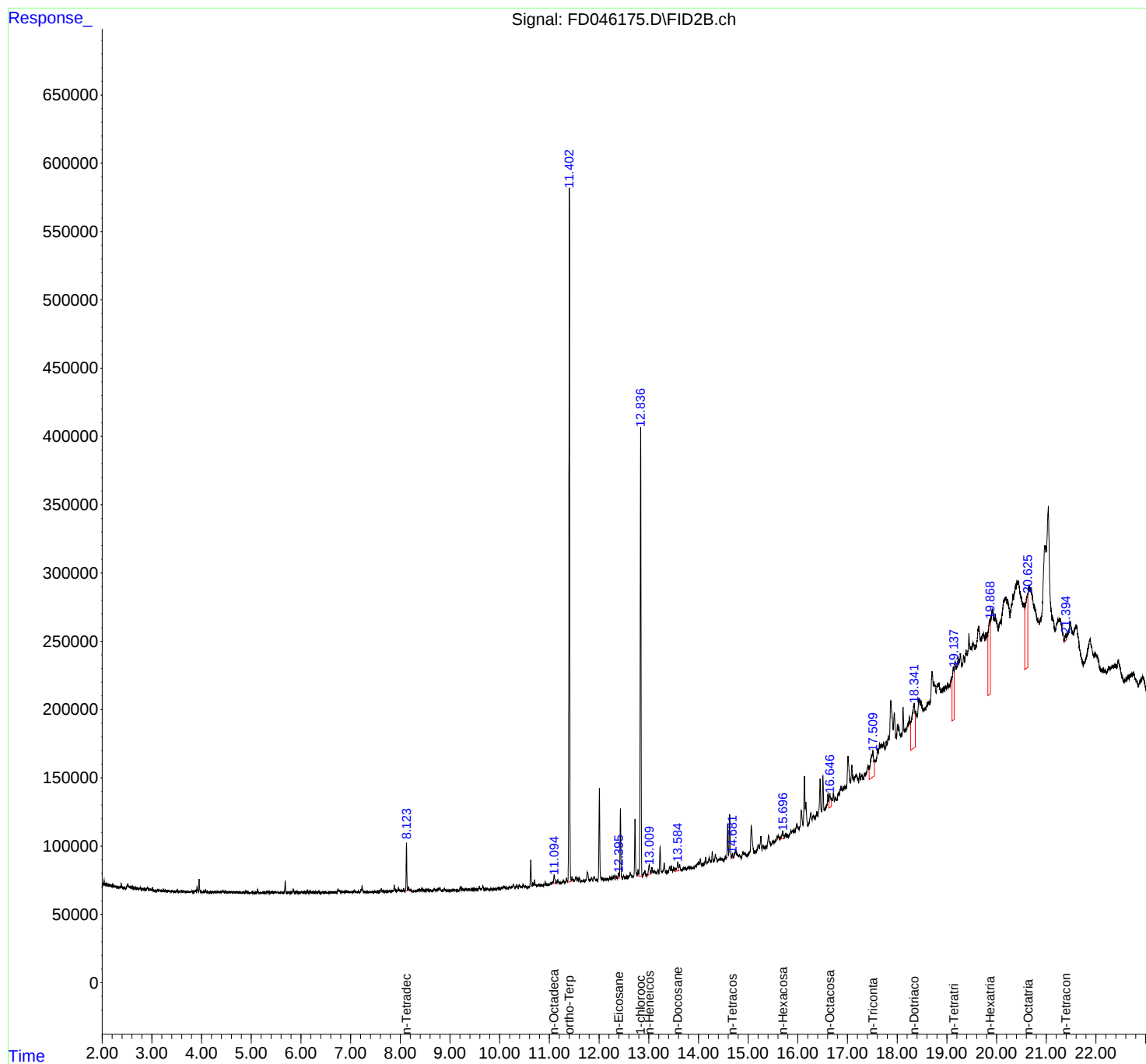
(m)=manual int.

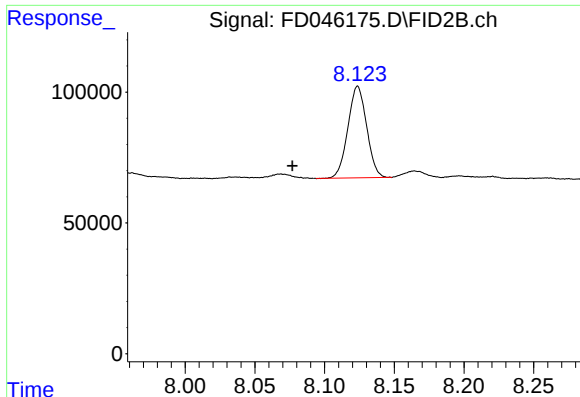
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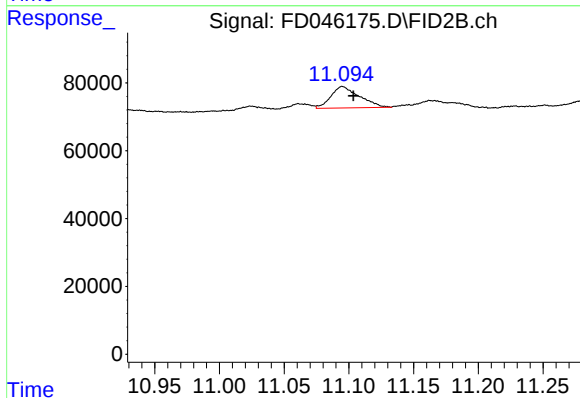




#6 n-Tetradecane (C14)

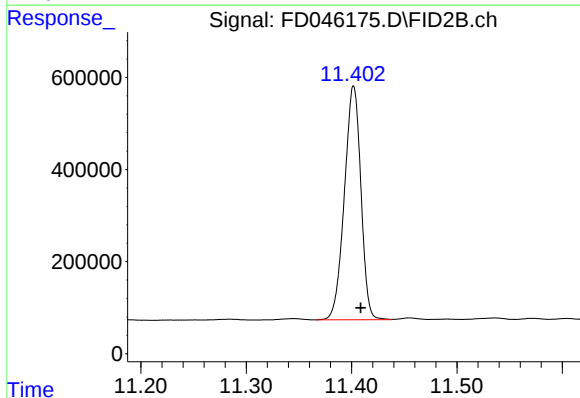
R.T.: 8.124 min
Delta R.T.: 0.047 min
Response: 327877
Conc: 2.06 ug/ml

Instrument :
FID_D
ClientSampleId :



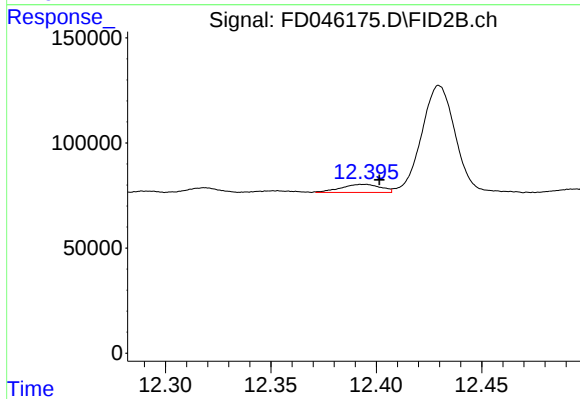
#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: -0.009 min
Response: 97190
Conc: 0.60 ug/ml



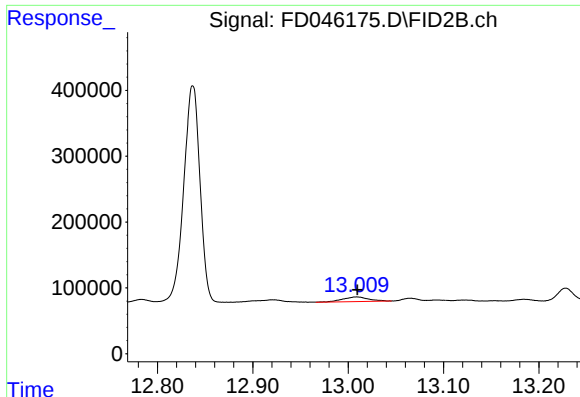
#9 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: -0.007 min
Response: 5523712
Conc: 31.68 ug/ml



#10 n-Eicosane (C20)

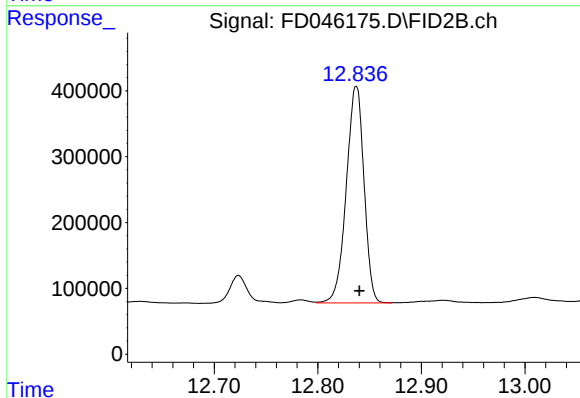
R.T.: 12.394 min
Delta R.T.: -0.007 min
Response: 49911
Conc: 0.33 ug/ml



#11 n-Heneicosane (C21)

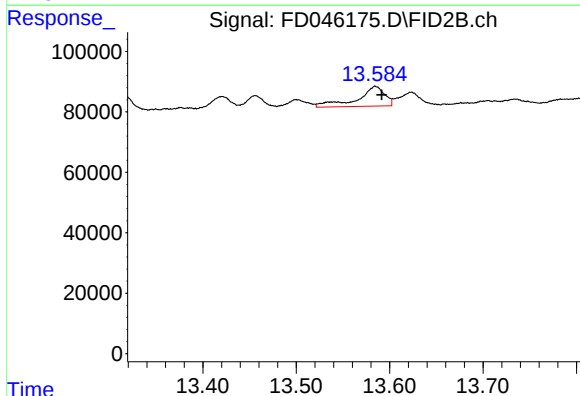
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 134056
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



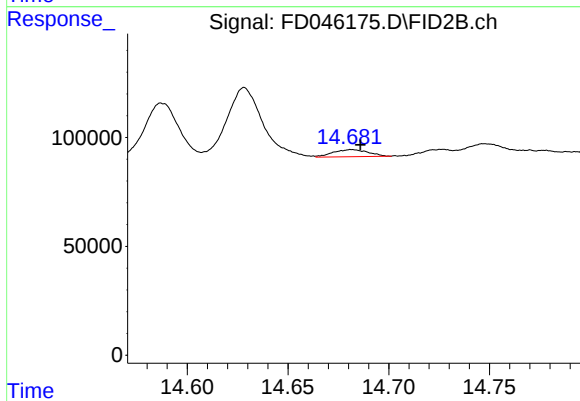
#12 1-chlorooctadecane (SURR)

R.T.: 12.837 min
Delta R.T.: -0.003 min
Response: 3908670
Conc: 32.48 ug/ml



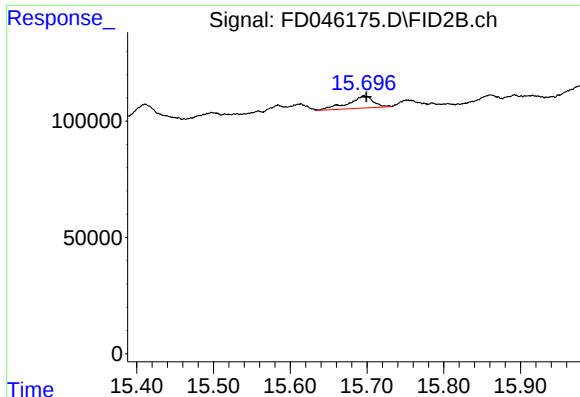
#13 n-Docosane (C22)

R.T.: 13.585 min
Delta R.T.: -0.007 min
Response: 133012
Conc: 0.95 ug/ml



#14 n-Tetracosane (C24)

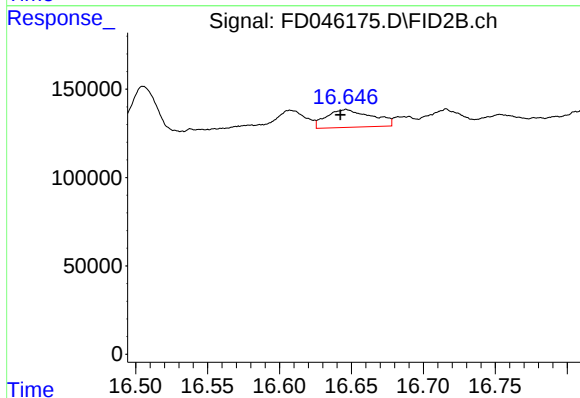
R.T.: 14.682 min
Delta R.T.: -0.004 min
Response: 39537
Conc: 0.29 ug/ml



#15 n-Hexacosane (C26)

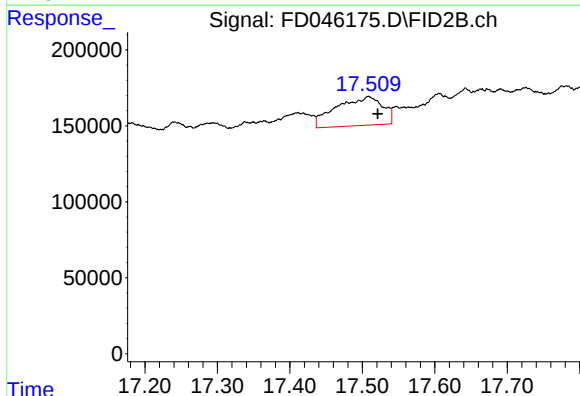
R.T.: 15.696 min
Delta R.T.: -0.003 min
Response: 118933
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



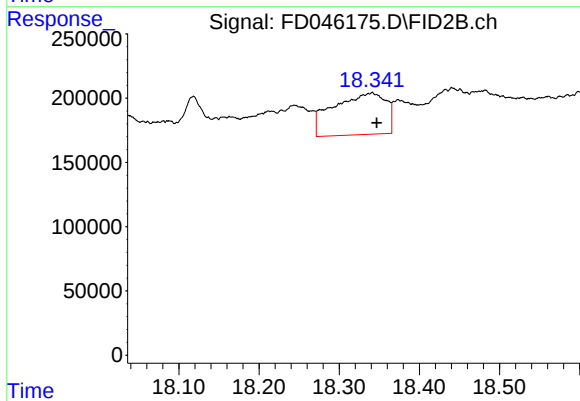
#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: 0.004 min
Response: 221214
Conc: 1.82 ug/ml



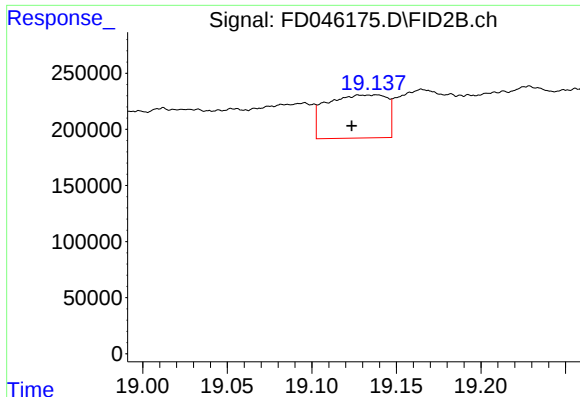
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: -0.013 min
Response: 847300
Conc: 6.85 ug/ml



#18 n-Dotriacontane (C32)

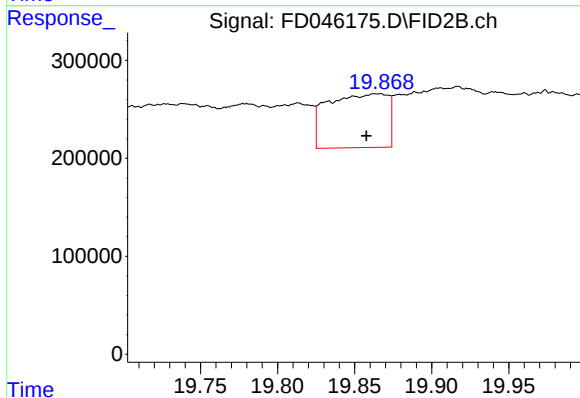
R.T.: 18.341 min
Delta R.T.: -0.006 min
Response: 1476148
Conc: 12.09 ug/ml



#19 n-Tetratriacontane (C34)

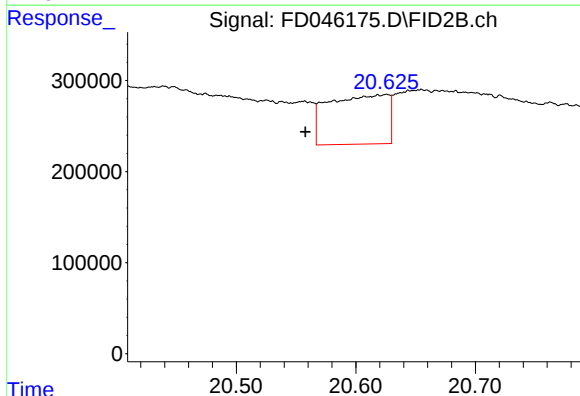
R.T.: 19.138 min
Delta R.T.: 0.015 min
Response: 955870
Conc: 7.47 ug/ml

Instrument :
FID_D
ClientSampleId :



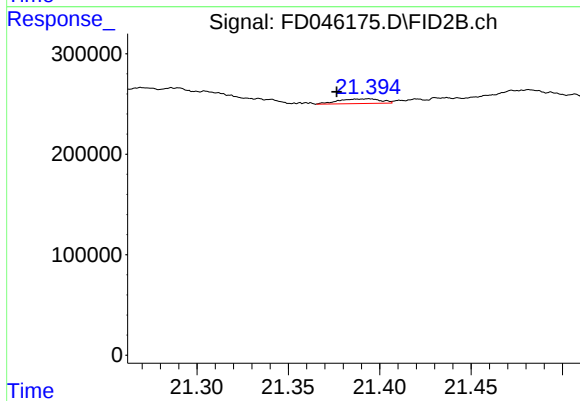
#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: 0.006 min
Response: 1493047
Conc: 13.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: 0.068 min
Response: 1892002
Conc: 16.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.394 min
Delta R.T.: 0.018 min
Response: 73910
Conc: 0.69 ug/ml