

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051322AL\
 Data File : FD042452.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 18:48
 Operator : UA/NP
 Sample : N2823-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 00:20:58 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)	11.205	6063320	36.154 ug/ml
Spiked Amount 50.000		Recovery =	72.31%
12) S 1-chlorooctadecane (S...	12.644	5304369	40.197 ug/ml
Spiked Amount 50.000		Recovery =	80.39%
Target Compounds			
2) T n-Decane (C10)	4.139	83486	0.623 ug/ml
7) T n-Hexadecane (C16)	9.476	62866	0.433 ug/ml
8) T n-Octadecane (C18)	10.904	614498	4.100 ug/ml
10) T n-Eicosane (C20)	12.202	248325	1.622 ug/ml
11) T n-Heneicosane (C21)	12.810	411943	2.672 ug/ml
13) T n-Docosane (C22)	13.391	679703	4.410 ug/ml
14) T n-Tetracosane (C24)	14.486	559895	3.620 ug/ml
15) T n-Hexacosane (C26)	15.497	234789	1.526 ug/ml
16) T n-Octacosane (C28)	16.443	615475	4.026 ug/ml
17) T n-Tricontane (C30)	17.304	4451202	29.675 ug/ml
18) T n-Dotriacontane (C32)	18.147	1044746	7.389 ug/ml
19) T n-Tetratriacontane (C34)	18.925	725781	5.640 ug/ml
20) T n-Hexatriacontane (C36)	19.697	88395	0.781 ug/ml

(f)=RT Delta > 1/2 Window

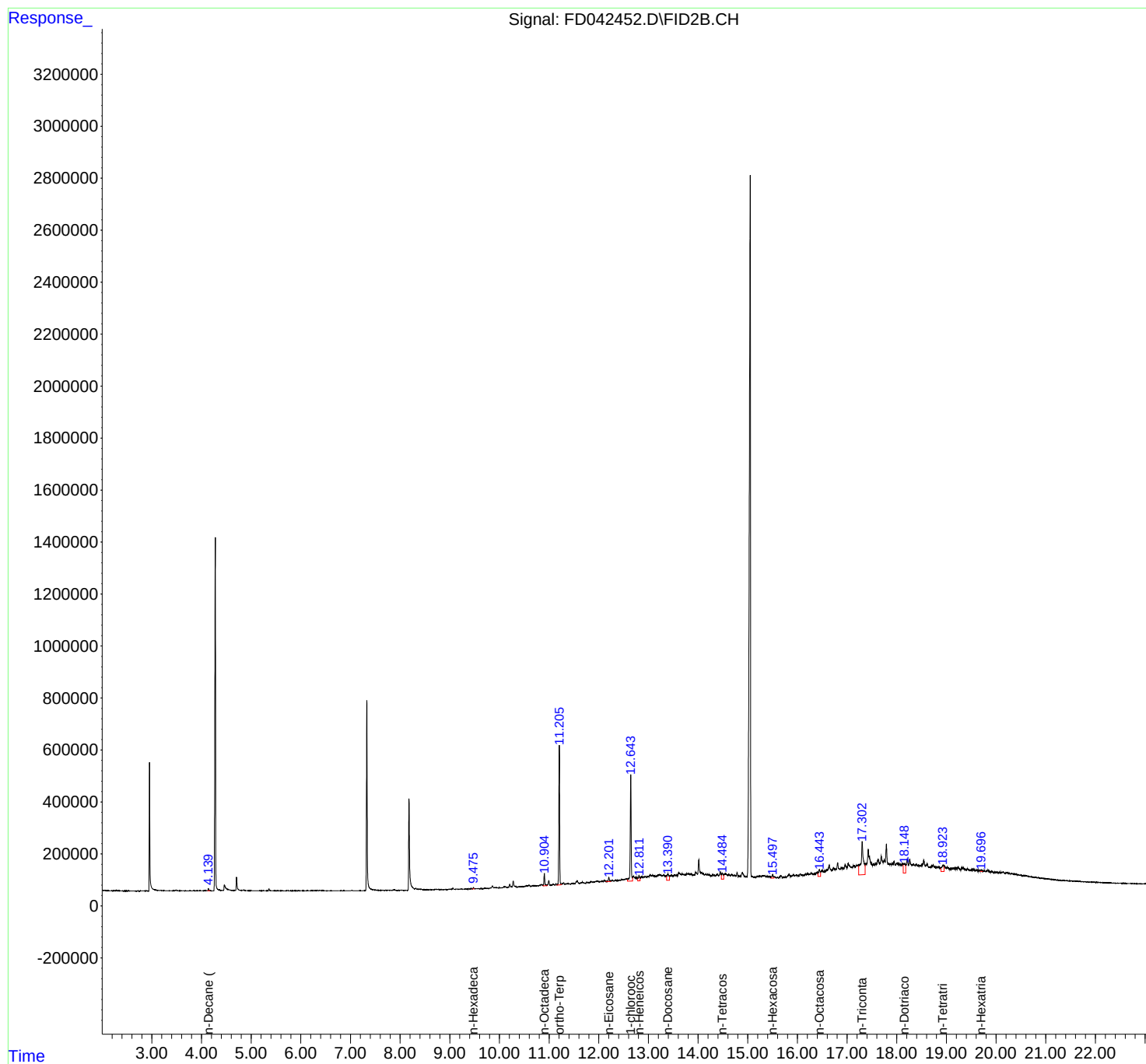
(m)=manual int.

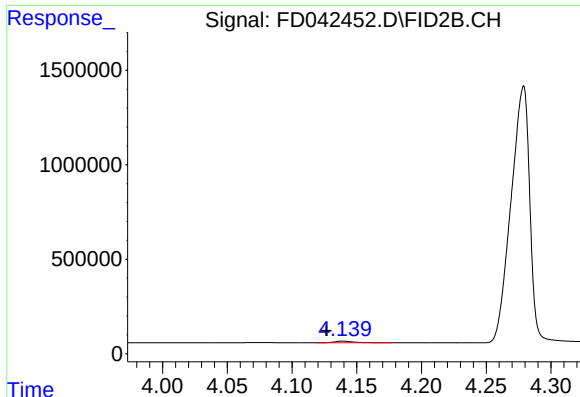
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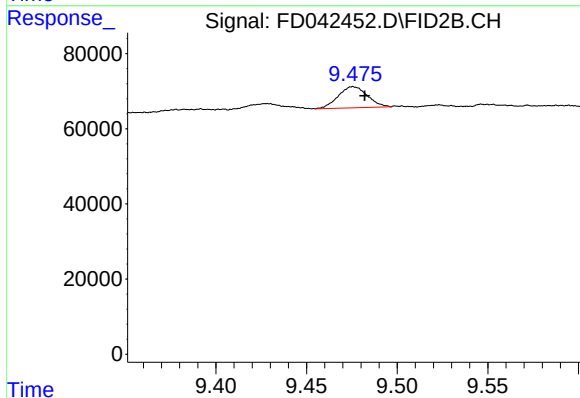




#2 n-Decane (C10)

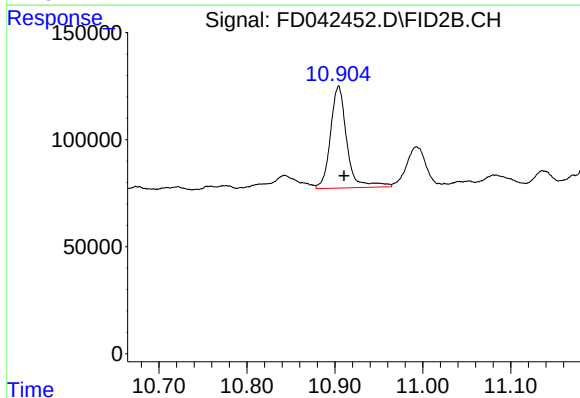
R.T.: 4.139 min
Delta R.T.: 0.013 min
Response: 83486
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



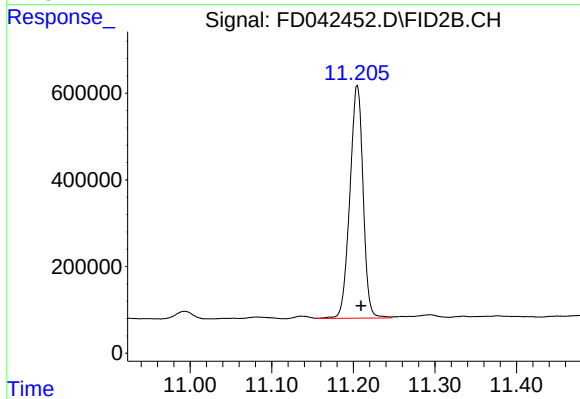
#7 n-Hexadecane (C16)

R.T.: 9.476 min
Delta R.T.: -0.006 min
Response: 62866
Conc: 0.43 ug/ml



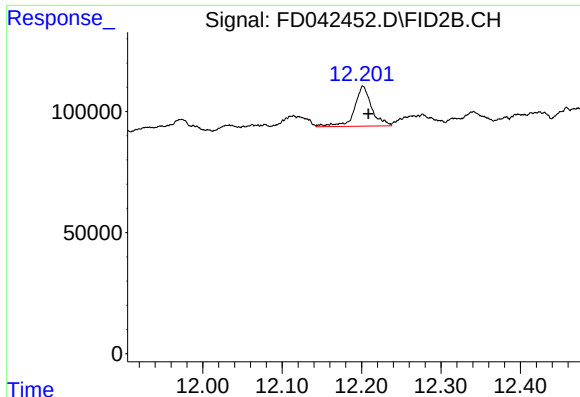
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: -0.006 min
Response: 614498
Conc: 4.10 ug/ml



#9 ortho-Terphenyl (SURR)

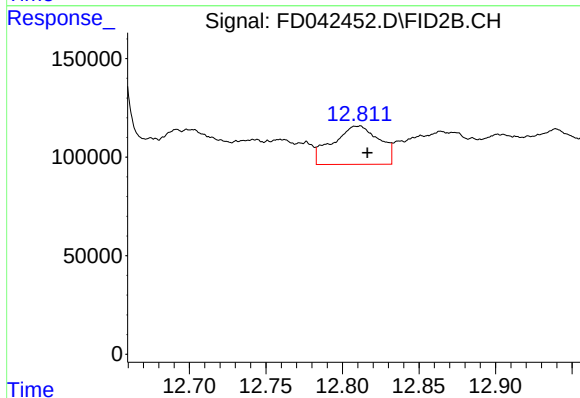
R.T.: 11.205 min
Delta R.T.: -0.005 min
Response: 6063320
Conc: 36.15 ug/ml



#10 n-Eicosane (C20)

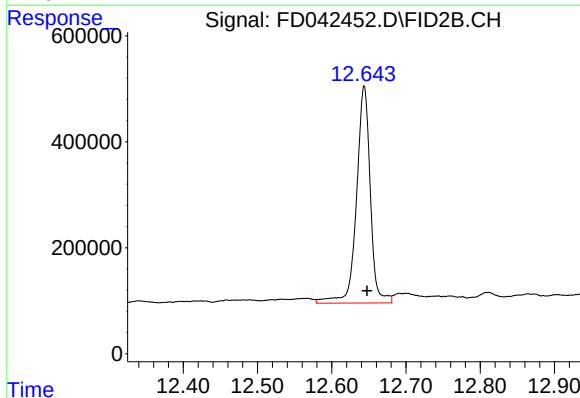
R.T.: 12.202 min
Delta R.T.: -0.007 min
Response: 248325
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :



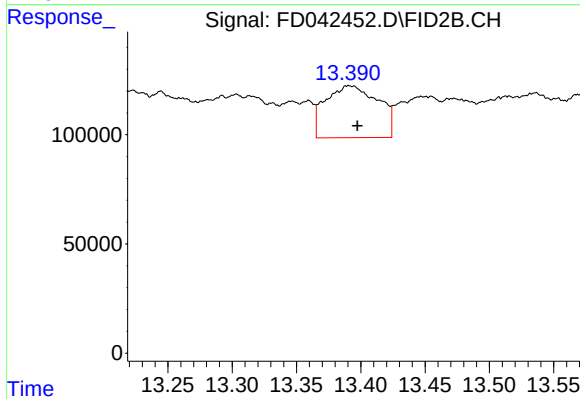
#11 n-Heneicosane (C21)

R.T.: 12.810 min
Delta R.T.: -0.006 min
Response: 411943
Conc: 2.67 ug/ml



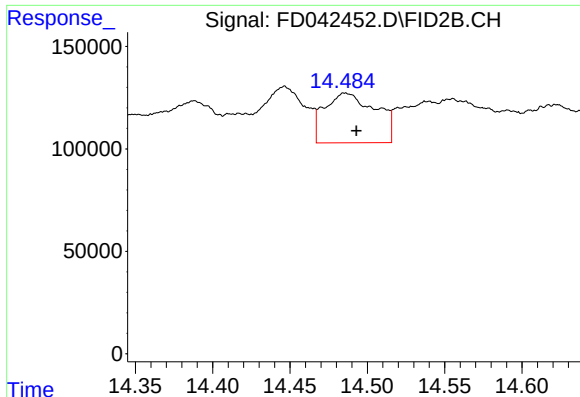
#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 5304369
Conc: 40.20 ug/ml



#13 n-Docosane (C22)

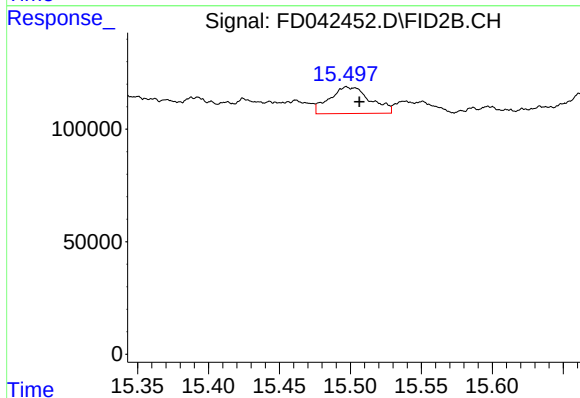
R.T.: 13.391 min
Delta R.T.: -0.007 min
Response: 679703
Conc: 4.41 ug/ml



#14 n-Tetracosane (C24)

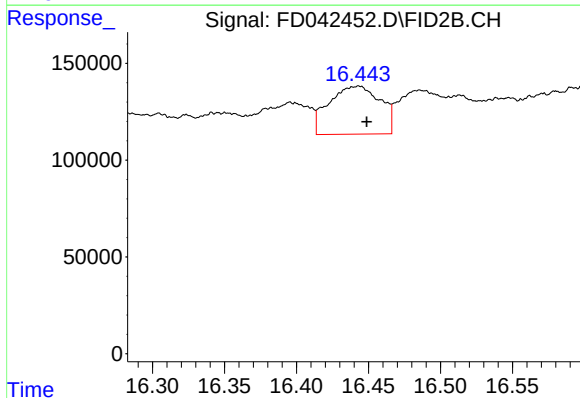
R.T.: 14.486 min
Delta R.T.: -0.007 min
Response: 559895
Conc: 3.62 ug/ml

Instrument :
FID_D
ClientSampleId :



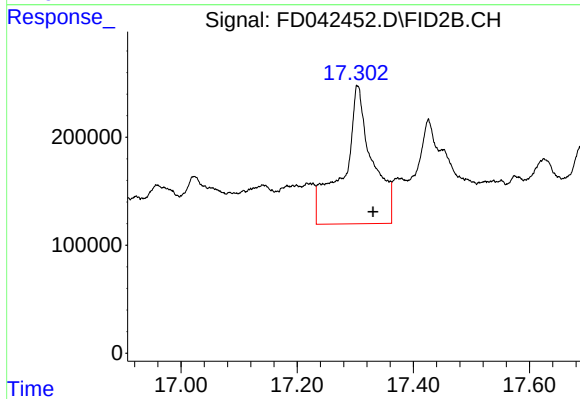
#15 n-Hexacosane (C26)

R.T.: 15.497 min
Delta R.T.: -0.009 min
Response: 234789
Conc: 1.53 ug/ml



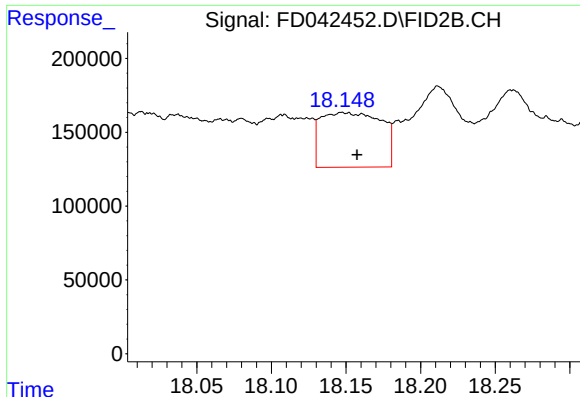
#16 n-Octacosane (C28)

R.T.: 16.443 min
Delta R.T.: -0.005 min
Response: 615475
Conc: 4.03 ug/ml



#17 n-Tricontane (C30)

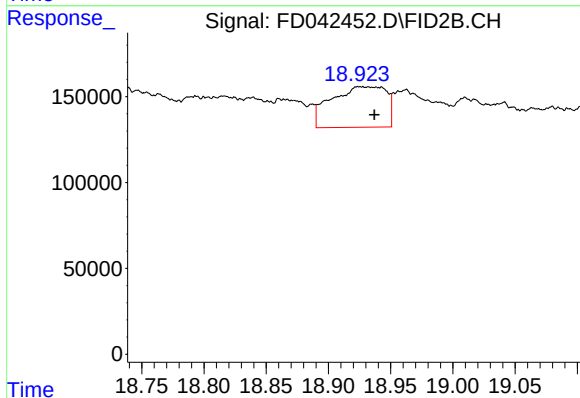
R.T.: 17.304 min
Delta R.T.: -0.026 min
Response: 4451202
Conc: 29.68 ug/ml



#18 n-Dotriacontane (C32)

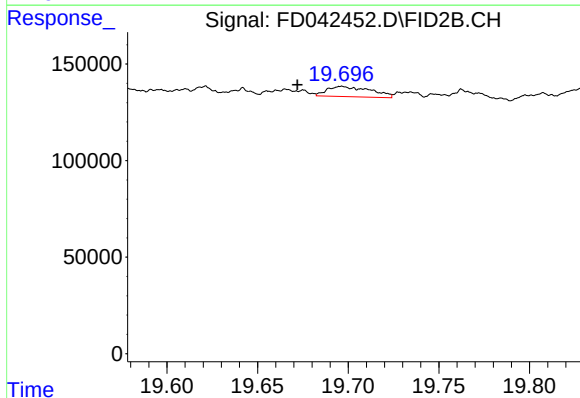
R.T.: 18.147 min
Delta R.T.: -0.010 min
Response: 1044746
Conc: 7.39 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 18.925 min
Delta R.T.: -0.012 min
Response: 725781
Conc: 5.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.697 min
Delta R.T.: 0.025 min
Response: 88395
Conc: 0.78 ug/ml