

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039932.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 22:27
 Operator : AJ\MA
 Sample : M5068-02DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 01:27:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.791	951646	6.062 ug/ml
Spiked Amount 50.000		Recovery =	12.12%
12) S 1-chlorooctadecane (S...	12.220	2154730	17.448 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
6) T n-Tetradecane (C14)	7.450	58614	0.407 ug/ml
7) T n-Hexadecane (C16)	9.042	78473	0.539 ug/ml
8) T n-Octadecane (C18)	10.477	50127	0.337 ug/ml
10) T n-Eicosane (C20)	11.781	54358	0.372 ug/ml
11) T n-Heneicosane (C21)	12.390	51264	0.349 ug/ml
13) T n-Docosane (C22)	12.978	60021	0.411 ug/ml
14) T n-Tetracosane (C24)	14.027f	153479	1.054 ug/ml
15) T n-Hexacosane (C26)	15.092	74787	0.533 ug/ml
16) T n-Octacosane (C28)	16.041	39234	0.289 ug/ml
17) T n-Tricontane (C30)	16.923	202345	1.548 ug/ml
18) T n-Dotriacontane (C32)	17.751	111171	0.893 ug/ml
19) T n-Tetratriacontane (C34)	18.550	103320	0.855 ug/ml
20) T n-Hexatriacontane (C36)	19.277	69185	0.602 ug/ml
21) T n-Octatriacontane (C38)	19.990	59548	0.533 ug/ml

(f)=RT Delta > 1/2 Window

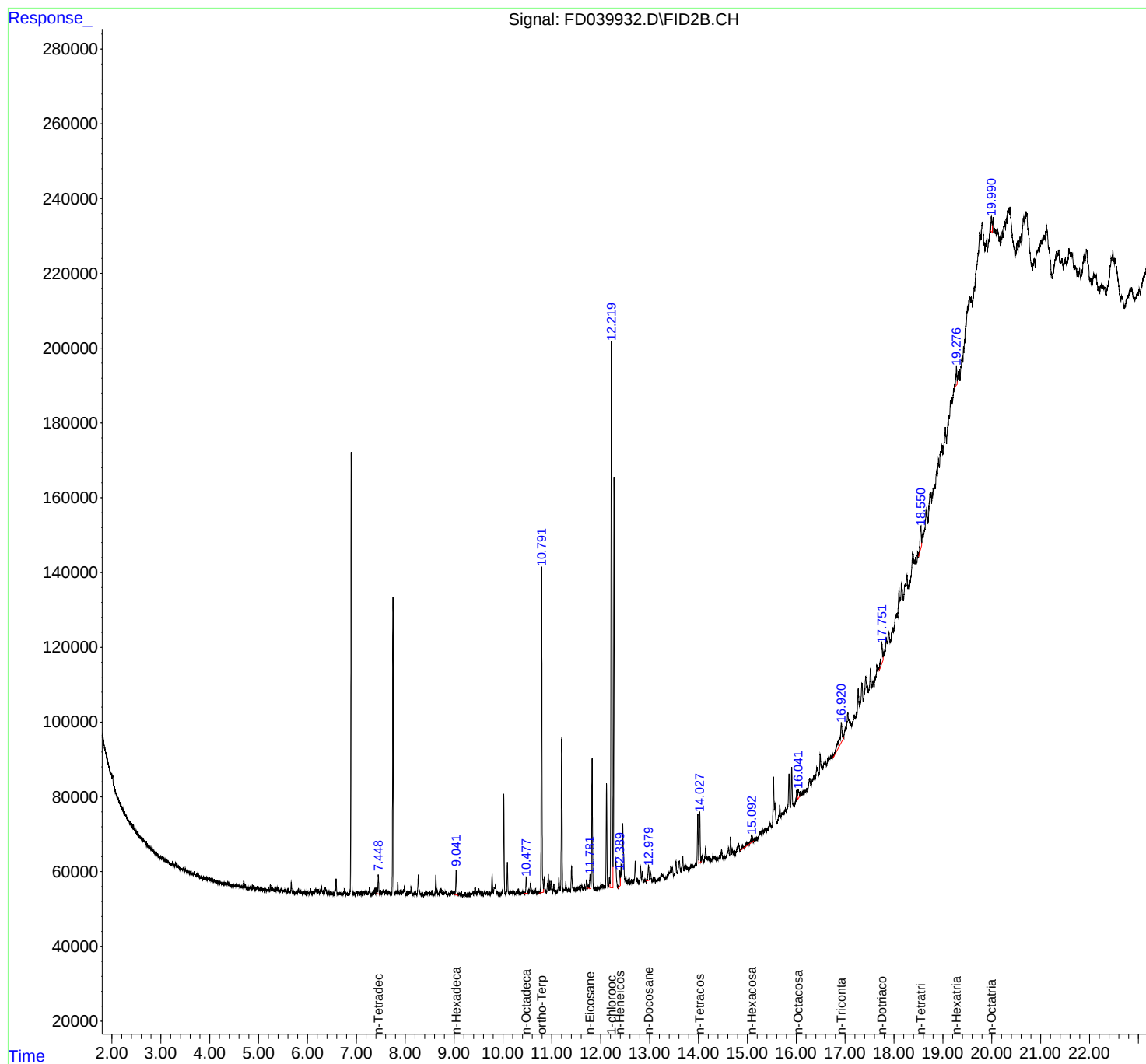
(m)=manual int.

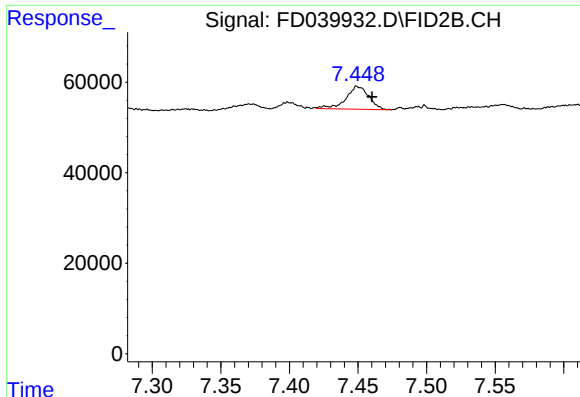
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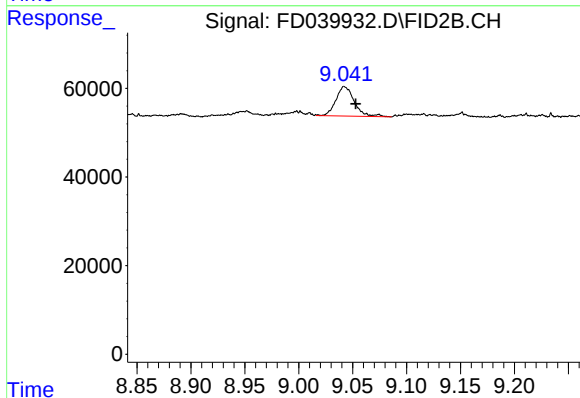




#6 n-Tetradecane (C14)

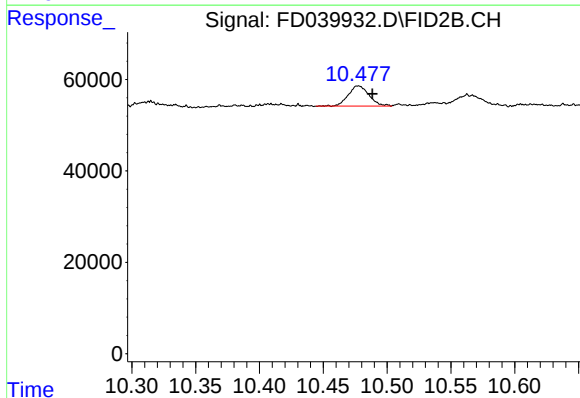
R.T.: 7.450 min
Delta R.T.: -0.010 min
Response: 58614
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



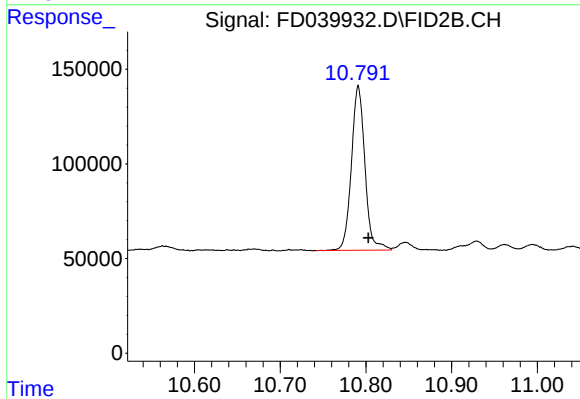
#7 n-Hexadecane (C16)

R.T.: 9.042 min
Delta R.T.: -0.010 min
Response: 78473
Conc: 0.54 ug/ml



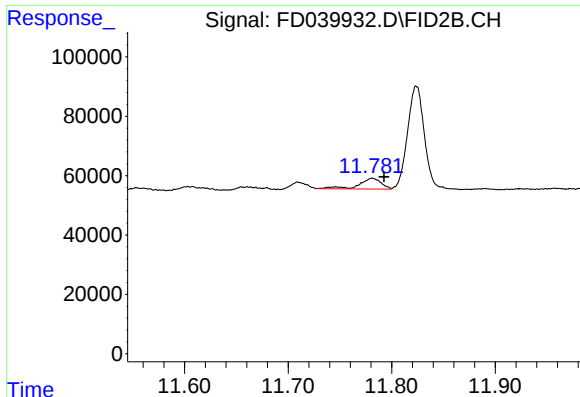
#8 n-Octadecane (C18)

R.T.: 10.477 min
Delta R.T.: -0.011 min
Response: 50127
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURR)

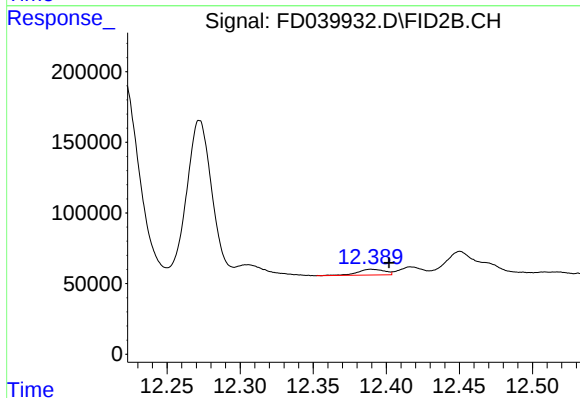
R.T.: 10.791 min
Delta R.T.: -0.012 min
Response: 951646
Conc: 6.06 ug/ml



#10 n-Eicosane (C20)

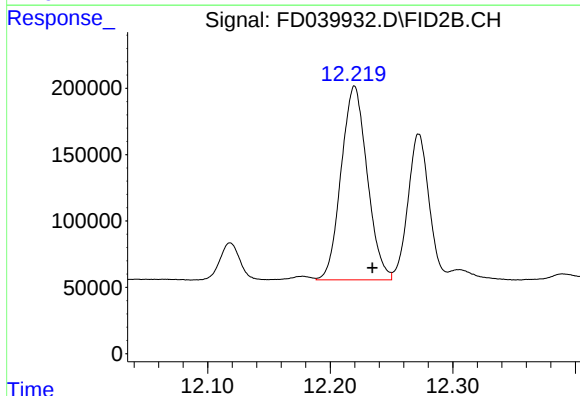
R.T.: 11.781 min
Delta R.T.: -0.011 min
Response: 54358
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



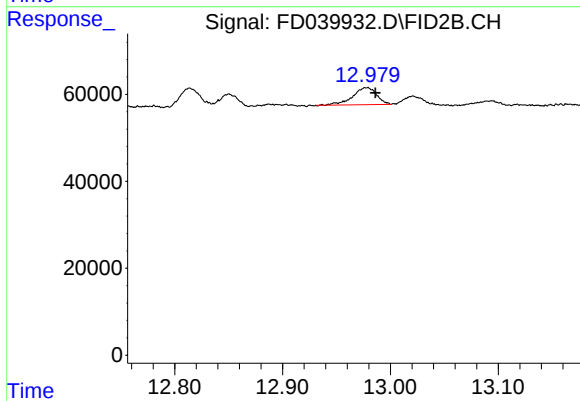
#11 n-Heneicosane (C21)

R.T.: 12.390 min
Delta R.T.: -0.012 min
Response: 51264
Conc: 0.35 ug/ml



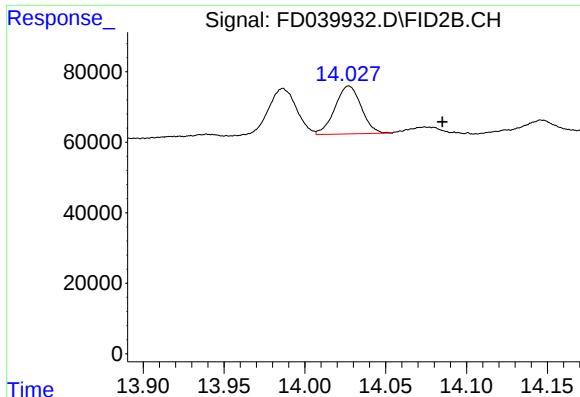
#12 1-chlorooctadecane (SURR)

R.T.: 12.220 min
Delta R.T.: -0.015 min
Response: 2154730
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

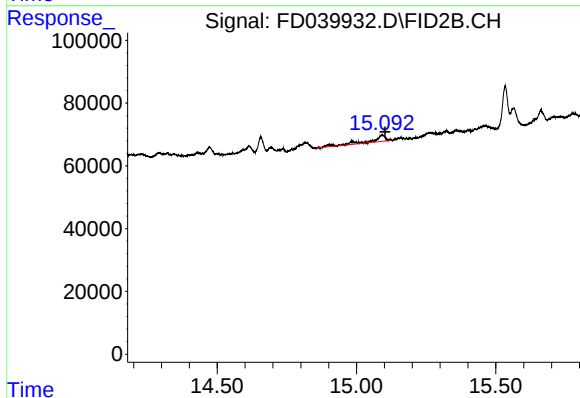
R.T.: 12.978 min
Delta R.T.: -0.008 min
Response: 60021
Conc: 0.41 ug/ml



#14 n-Tetracosane (C24)

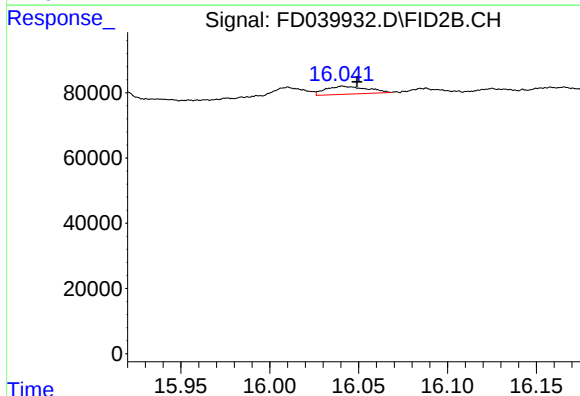
R.T.: 14.027 min
Delta R.T.: -0.058 min
Response: 153479
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



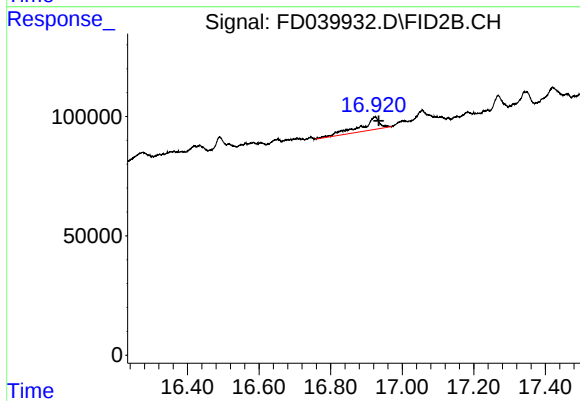
#15 n-Hexacosane (C26)

R.T.: 15.092 min
Delta R.T.: -0.010 min
Response: 74787
Conc: 0.53 ug/ml



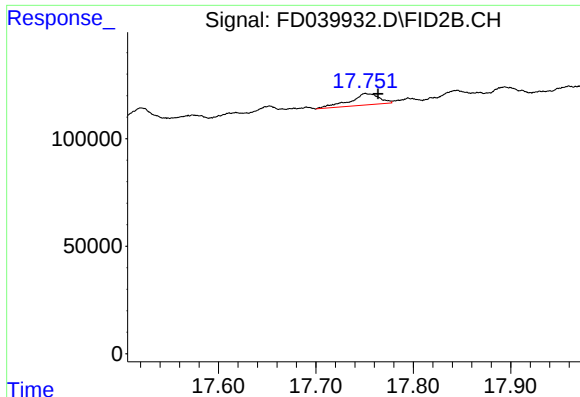
#16 n-Octacosane (C28)

R.T.: 16.041 min
Delta R.T.: -0.008 min
Response: 39234
Conc: 0.29 ug/ml



#17 n-Tricontane (C30)

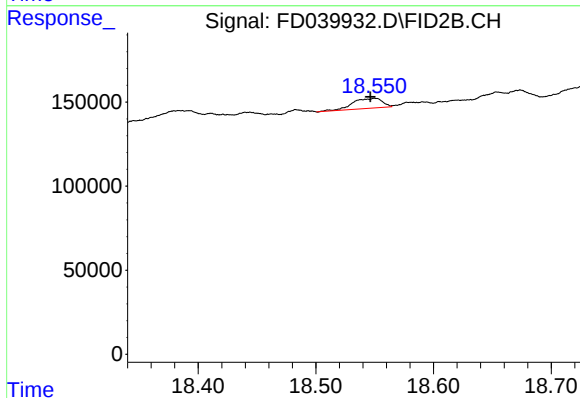
R.T.: 16.923 min
Delta R.T.: -0.011 min
Response: 202345
Conc: 1.55 ug/ml



#18 n-Dotriacontane (C32)

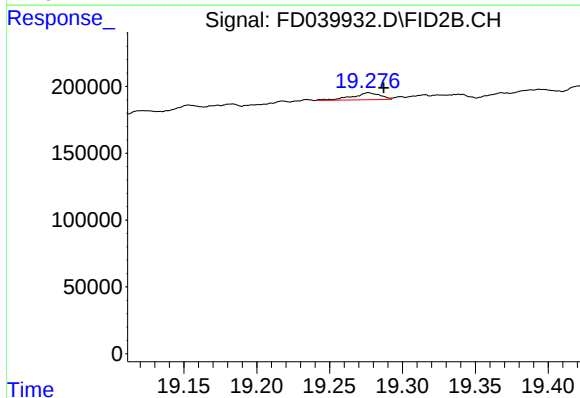
R.T.: 17.751 min
Delta R.T.: -0.013 min
Response: 111171
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



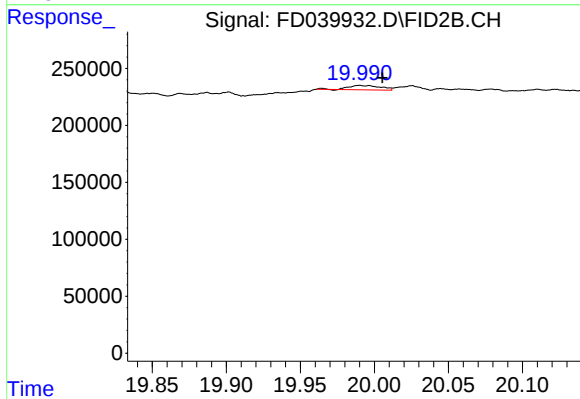
#19 n-Tetratriacontane (C34)

R.T.: 18.550 min
Delta R.T.: 0.004 min
Response: 103320
Conc: 0.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.277 min
Delta R.T.: -0.010 min
Response: 69185
Conc: 0.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.990 min
Delta R.T.: -0.015 min
Response: 59548
Conc: 0.53 ug/ml