

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039800.D
 Signal(s) : FID2B.CH
 Acq On : 11 Dec 2021 8:57
 Operator : AJ\MA
 Sample : M5017-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 03:25:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 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)	11.468	4750622	34.419 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
12) S 1-chlorooctadecane (S...	12.900	5116295	47.597 ug/ml
Spiked Amount 50.000		Recovery =	95.19%
Target Compounds			
7) T n-Hexadecane (C16)	9.741	55996	0.458 ug/ml
8) T n-Octadecane (C18)	11.141	112622	0.882 ug/ml
10) T n-Eicosane (C20)	12.467	196815	1.533 ug/ml
11) T n-Heneicosane (C21)	13.090	2312217	17.649 ug/ml
13) T n-Docosane (C22)	13.672	704054	5.383 ug/ml
14) T n-Tetracosane (C24)	14.782	219378	1.640 ug/ml
15) T n-Hexacosane (C26)	15.720	406855	3.095 ug/ml
16) T n-Octacosane (C28)	16.716	232106	1.790 ug/ml
17) T n-Tricontane (C30)	17.599	400012	3.227 ug/ml
18) T n-Dotriacontane (C32)	18.394	772459	6.731 ug/ml
19) T n-Tetratriacontane (C34)	19.212	163157	1.531 ug/ml
20) T n-Hexatriacontane (C36)	19.916	88871	0.908 ug/ml
21) T n-Octatriacontane (C38)	20.629	154731	1.700 ug/ml

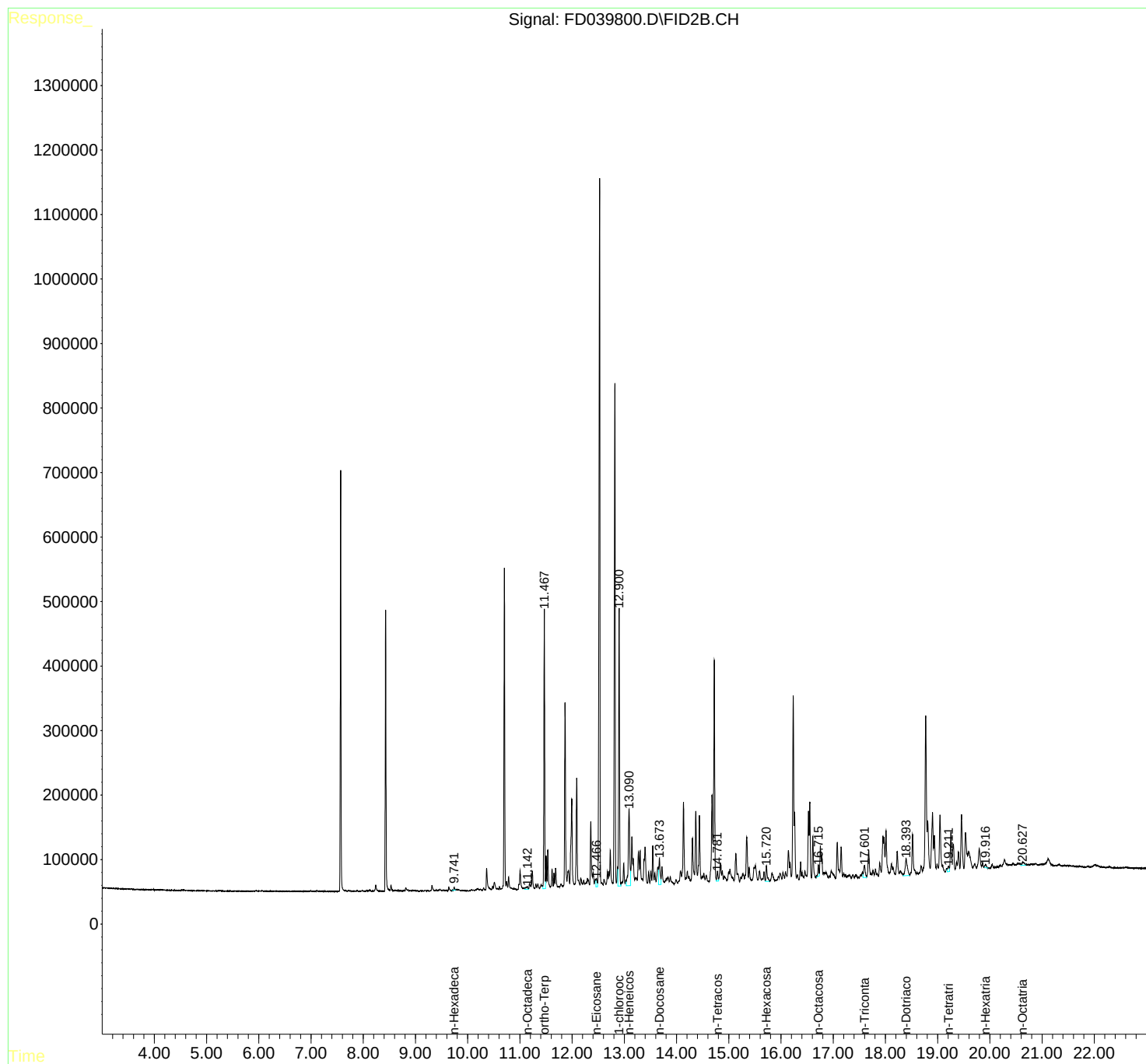
(f)=RT Delta > 1/2 Window

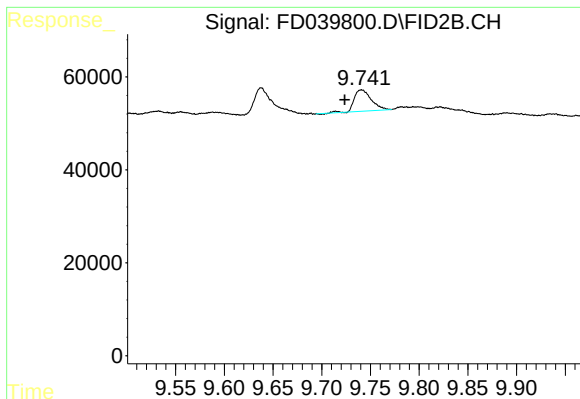
(m)=manual int.

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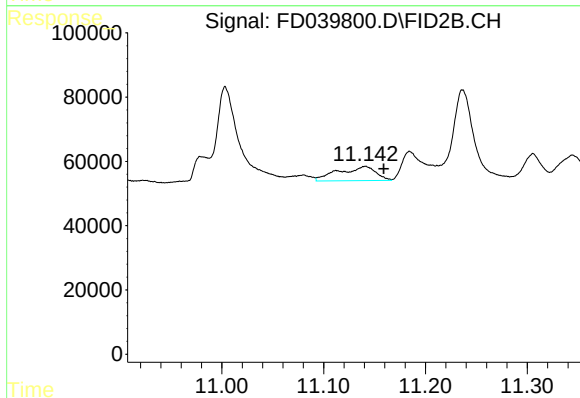
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





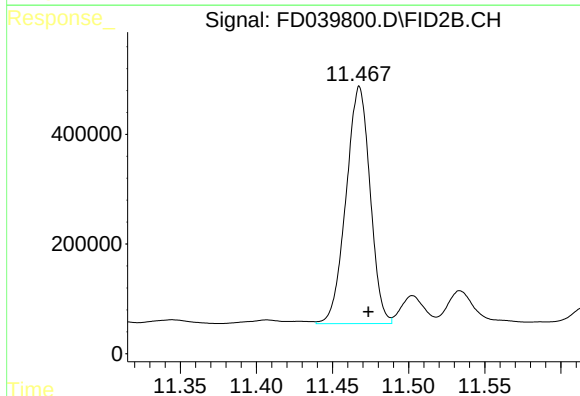
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.017 min
Response: 55996
Conc: 0.46 ug/ml



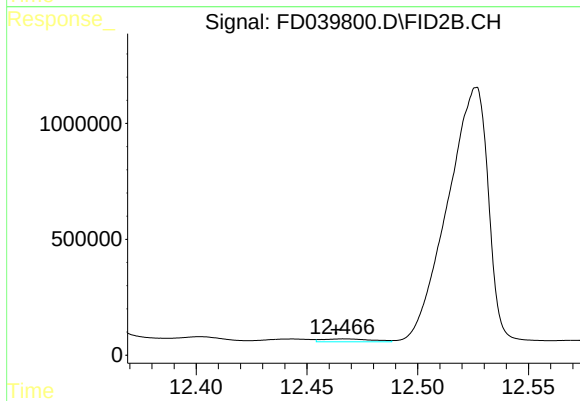
#8 n-Octadecane (C18)

R.T.: 11.141 min
Delta R.T.: -0.018 min
Response: 112622
Conc: 0.88 ug/ml



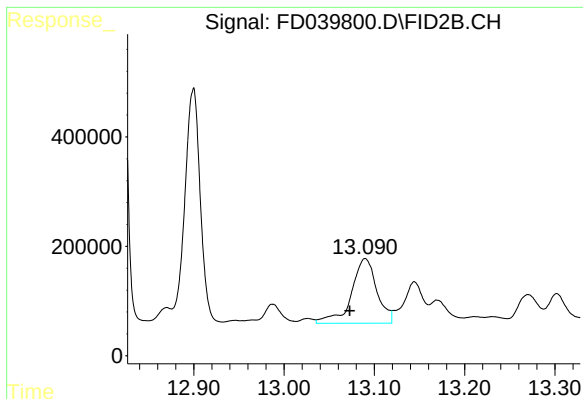
#9 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.006 min
Response: 4750622
Conc: 34.42 ug/ml



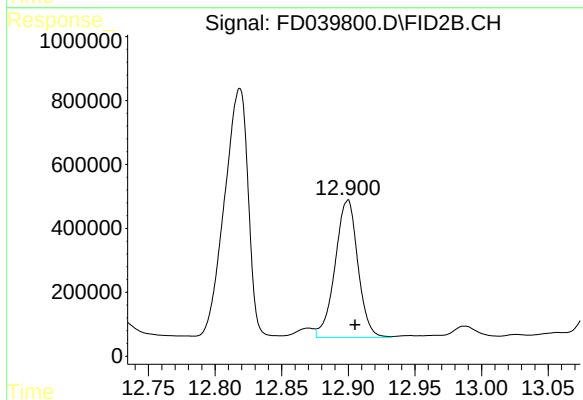
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.004 min
Response: 196815
Conc: 1.53 ug/ml



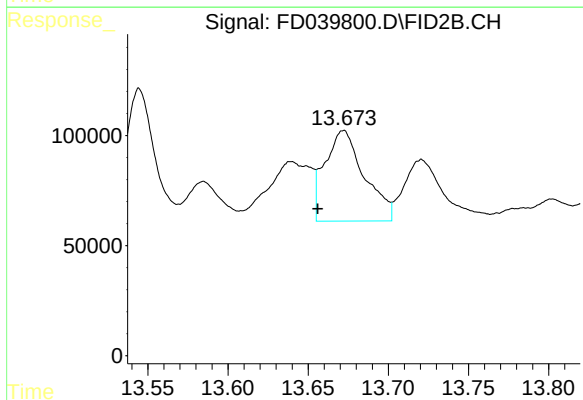
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.017 min
Response: 2312217
Conc: 17.65 ug/ml



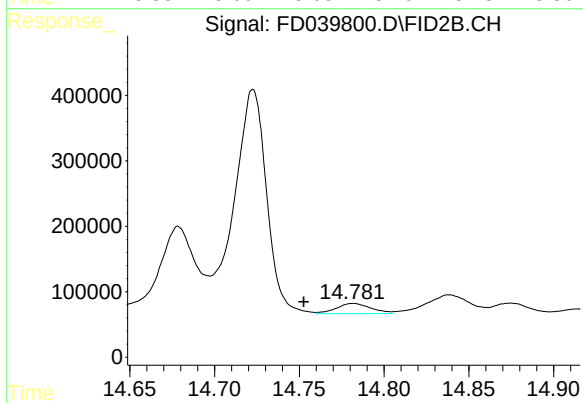
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: -0.005 min
Response: 5116295
Conc: 47.60 ug/ml



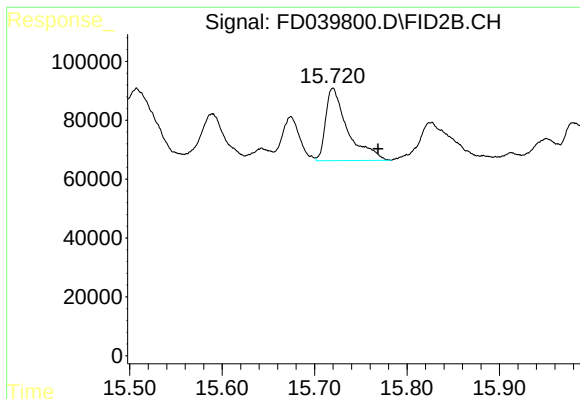
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.016 min
Response: 704054
Conc: 5.38 ug/ml



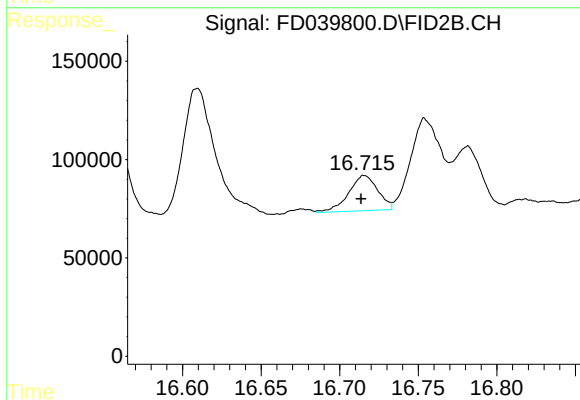
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: 0.029 min
Response: 219378
Conc: 1.64 ug/ml



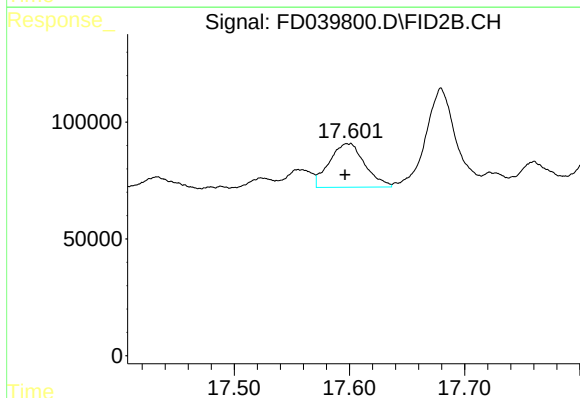
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.049 min
Response: 406855
Conc: 3.10 ug/ml



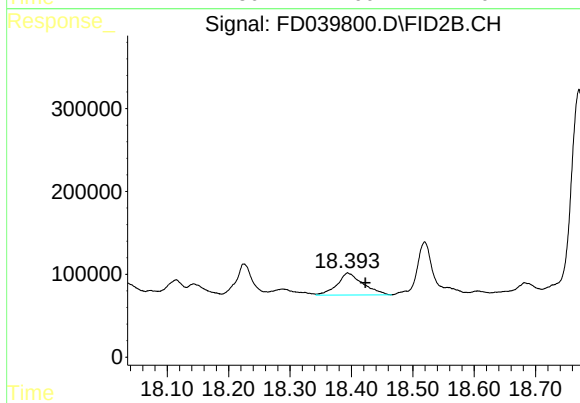
#16 n-Octacosane (C28)

R.T.: 16.716 min
Delta R.T.: 0.002 min
Response: 232106
Conc: 1.79 ug/ml



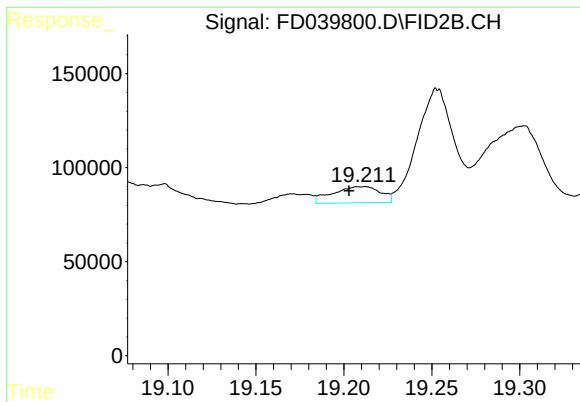
#17 n-Tricontane (C30)

R.T.: 17.599 min
Delta R.T.: 0.002 min
Response: 400012
Conc: 3.23 ug/ml



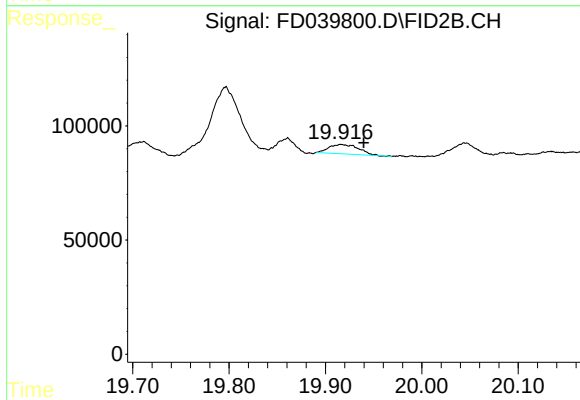
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.029 min
Response: 772459
Conc: 6.73 ug/ml



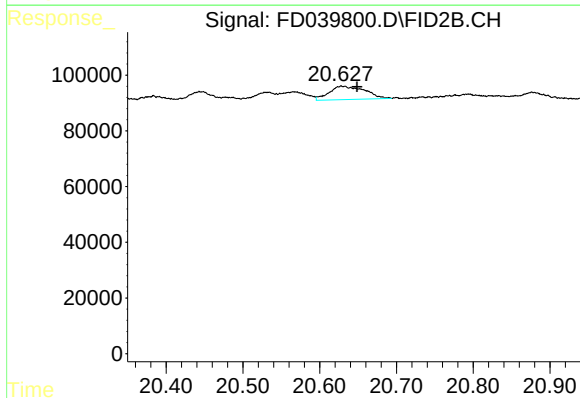
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: 0.009 min
Response: 163157
Conc: 1.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.916 min
Delta R.T.: -0.023 min
Response: 88871
Conc: 0.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.629 min
Delta R.T.: -0.020 min
Response: 154731
Conc: 1.70 ug/ml