

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039858.D
 Signal(s) : FID2B.CH
 Acq On : 12 Dec 2021 23:46
 Operator : AJ\MA
 Sample : M5018-31
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 01:39:40 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)	11.458	5788167	41.936 ug/ml
Spiked Amount 50.000		Recovery =	83.87%
12) S 1-chlorooctadecane (S...	12.889	4753433	44.221 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
Target Compounds			
6) T n-Tetradecane (C14)	8.112	105220	0.868 ug/ml
8) T n-Octadecane (C18)	11.170	69140	0.541 ug/ml
10) T n-Eicosane (C20)	12.445	82314	0.641 ug/ml
11) T n-Heneicosane (C21)	13.075	507532	3.874 ug/ml
13) T n-Docosane (C22)	13.659	256579	1.962 ug/ml
14) T n-Tetracosane (C24)	14.707	854105	6.386 ug/ml
15) T n-Hexacosane (C26)	15.810	119067	0.906 ug/ml
16) T n-Octacosane (C28)	16.698	262610	2.026 ug/ml
17) T n-Tricontane (C30)	17.576	267109	2.155 ug/ml
18) T n-Dotriacontane (C32)	18.383	393573	3.429 ug/ml
19) T n-Tetratriacontane (C34)	19.194	203115	1.905 ug/ml
21) T n-Octatriacontane (C38)	20.622	119821	1.317 ug/ml
22) T n-Tetracontane (C40)	21.464	136432	1.713 ug/ml

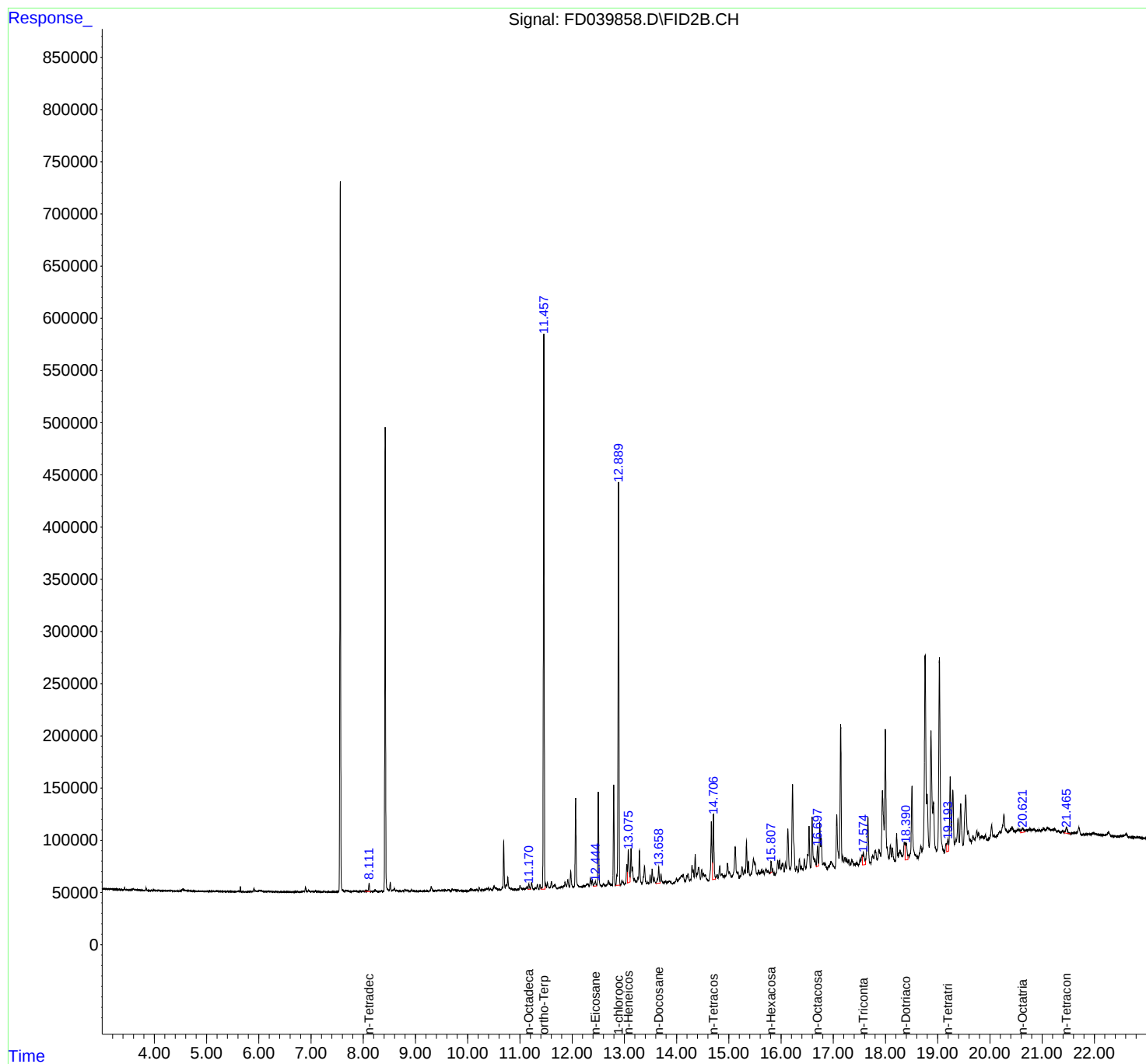
(f)=RT Delta > 1/2 Window

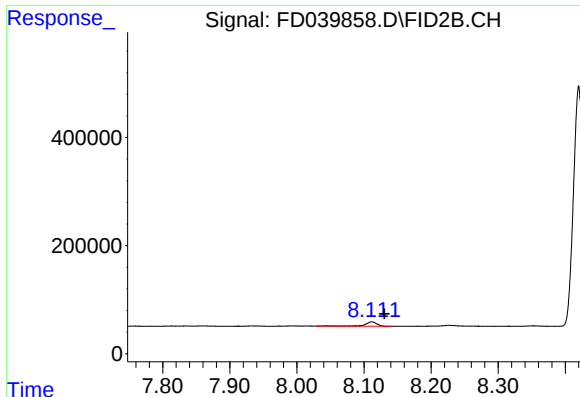
(m)=manual int.

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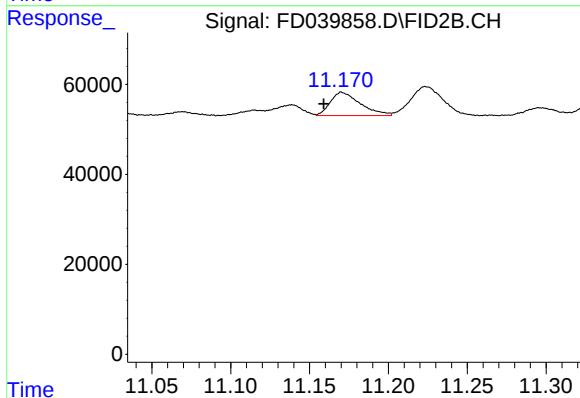
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Signal Info : 20M x 0.18mm x 0.18um





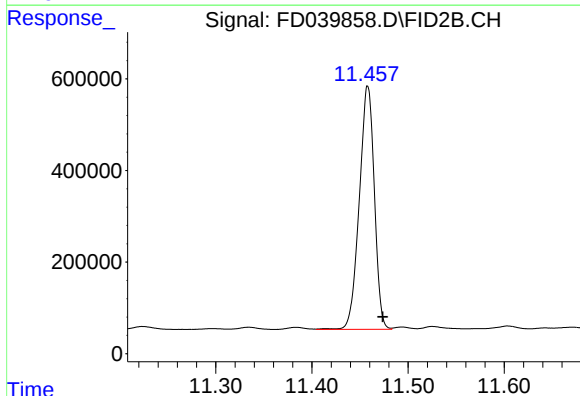
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: -0.019 min
Response: 105220
Conc: 0.87 ug/ml



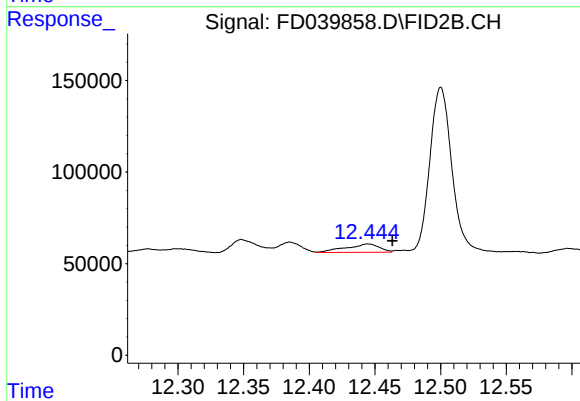
#8 n-Octadecane (C18)

R.T.: 11.170 min
Delta R.T.: 0.012 min
Response: 69140
Conc: 0.54 ug/ml



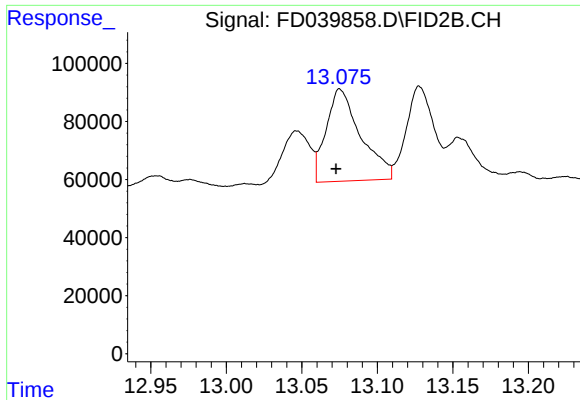
#9 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: -0.016 min
Response: 5788167
Conc: 41.94 ug/ml



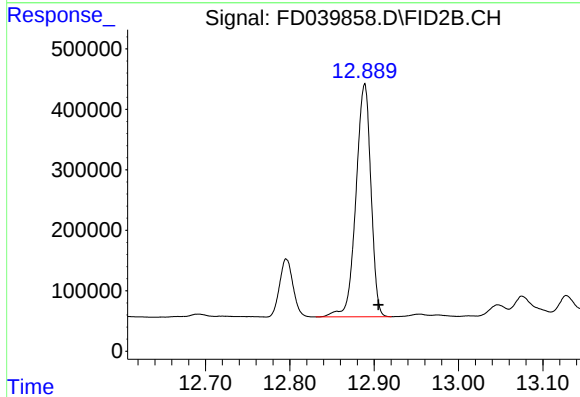
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.018 min
Response: 82314
Conc: 0.64 ug/ml



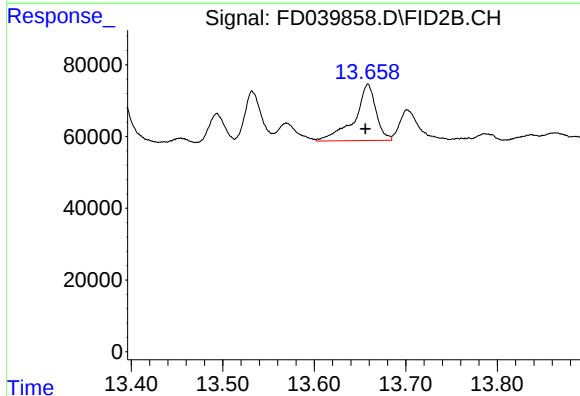
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 507532
Conc: 3.87 ug/ml



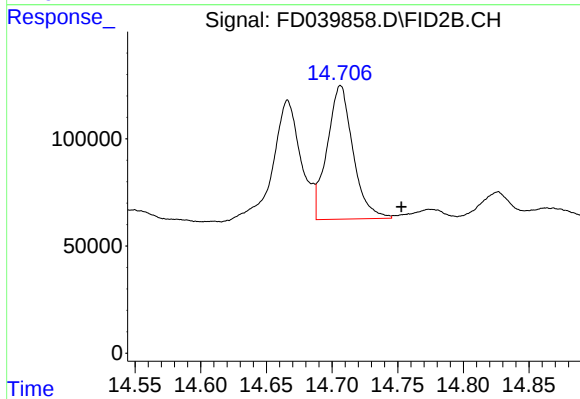
#12 1-chlorooctadecane (SURR)

R.T.: 12.889 min
Delta R.T.: -0.016 min
Response: 4753433
Conc: 44.22 ug/ml



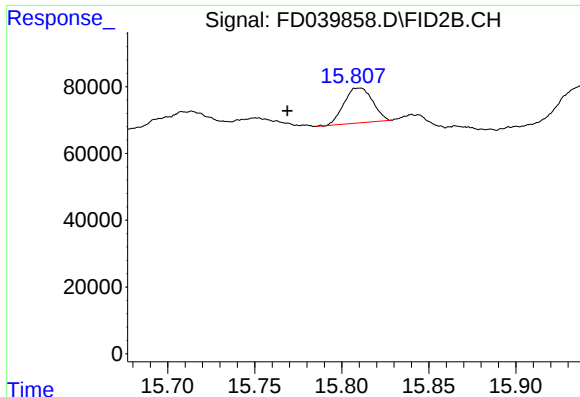
#13 n-Docosane (C22)

R.T.: 13.659 min
Delta R.T.: 0.003 min
Response: 256579
Conc: 1.96 ug/ml



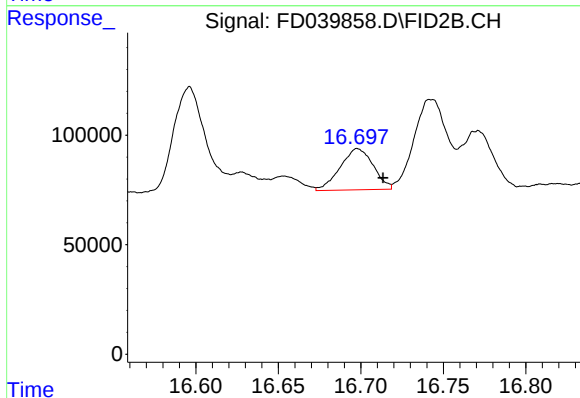
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.046 min
Response: 854105
Conc: 6.39 ug/ml



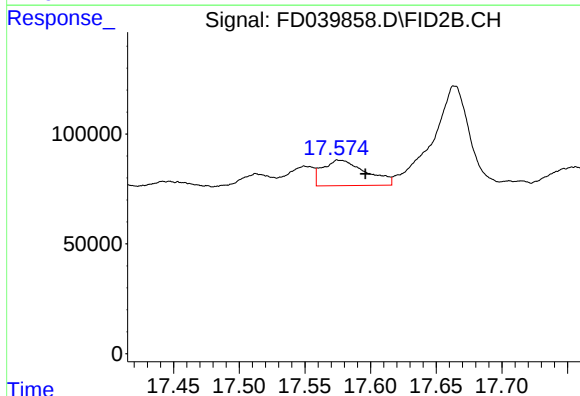
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.041 min
Response: 119067
Conc: 0.91 ug/ml



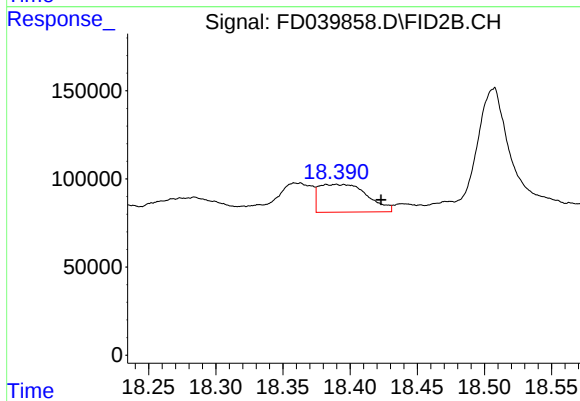
#16 n-Octacosane (C28)

R.T.: 16.698 min
Delta R.T.: -0.015 min
Response: 262610
Conc: 2.03 ug/ml



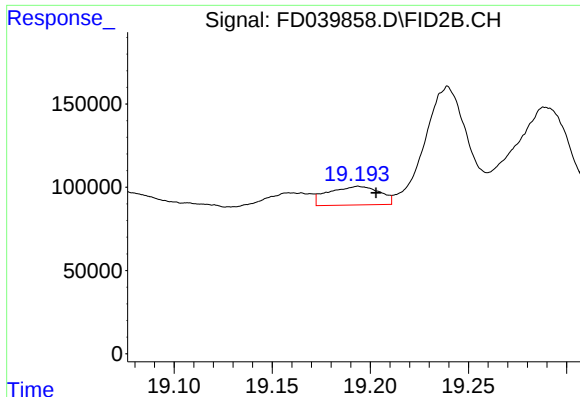
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.021 min
Response: 267109
Conc: 2.15 ug/ml



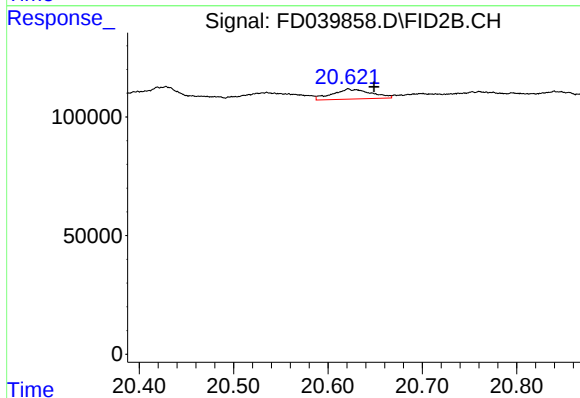
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: -0.040 min
Response: 393573
Conc: 3.43 ug/ml



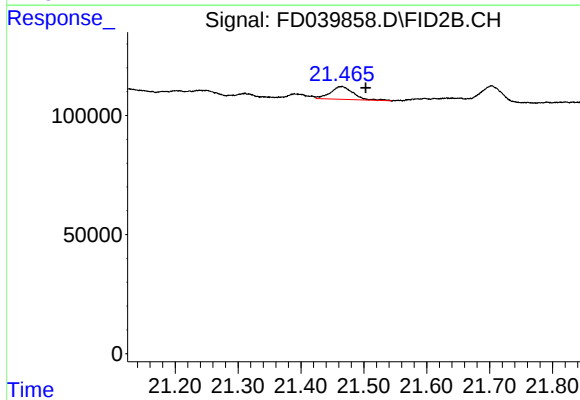
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: -0.009 min
Response: 203115
Conc: 1.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.027 min
Response: 119821
Conc: 1.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: -0.039 min
Response: 136432
Conc: 1.71 ug/ml