

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040234.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 00:59
 Operator : AJ\MA
 Sample : M5235-01DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:41:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.719	1155390	7.416 ug/ml
Spiked Amount 50.000		Recovery =	14.83%
12) S 1-chlorooctadecane (S...	12.152	1395555	11.572 ug/ml
Spiked Amount 50.000		Recovery =	23.14%
Target Compounds			
10) T n-Eicosane (C20)	11.748	56995	0.408 ug/ml
11) T n-Heneicosane (C21)	12.323	73217	0.517 ug/ml
13) T n-Docosane (C22)	12.904	47947	0.342 ug/ml
14) T n-Tetracosane (C24)	14.003	72889	0.519 ug/ml
15) T n-Hexacosane (C26)	15.019	109942	0.800 ug/ml
16) T n-Octacosane (C28)	15.966	154269	1.134 ug/ml
17) T n-Tricontane (C30)	16.846	227197	1.698 ug/ml
18) T n-Dotriacontane (C32)	17.680	208887	1.614 ug/ml
19) T n-Tetratriacontane (C34)	18.459	265413	2.189 ug/ml
20) T n-Hexatriacontane (C36)	19.191	135792	1.274 ug/ml
21) T n-Octatriacontane (C38)	19.900	111569	1.208 ug/ml
22) T n-Tetracontane (C40)	20.729	169776	2.180 ug/ml

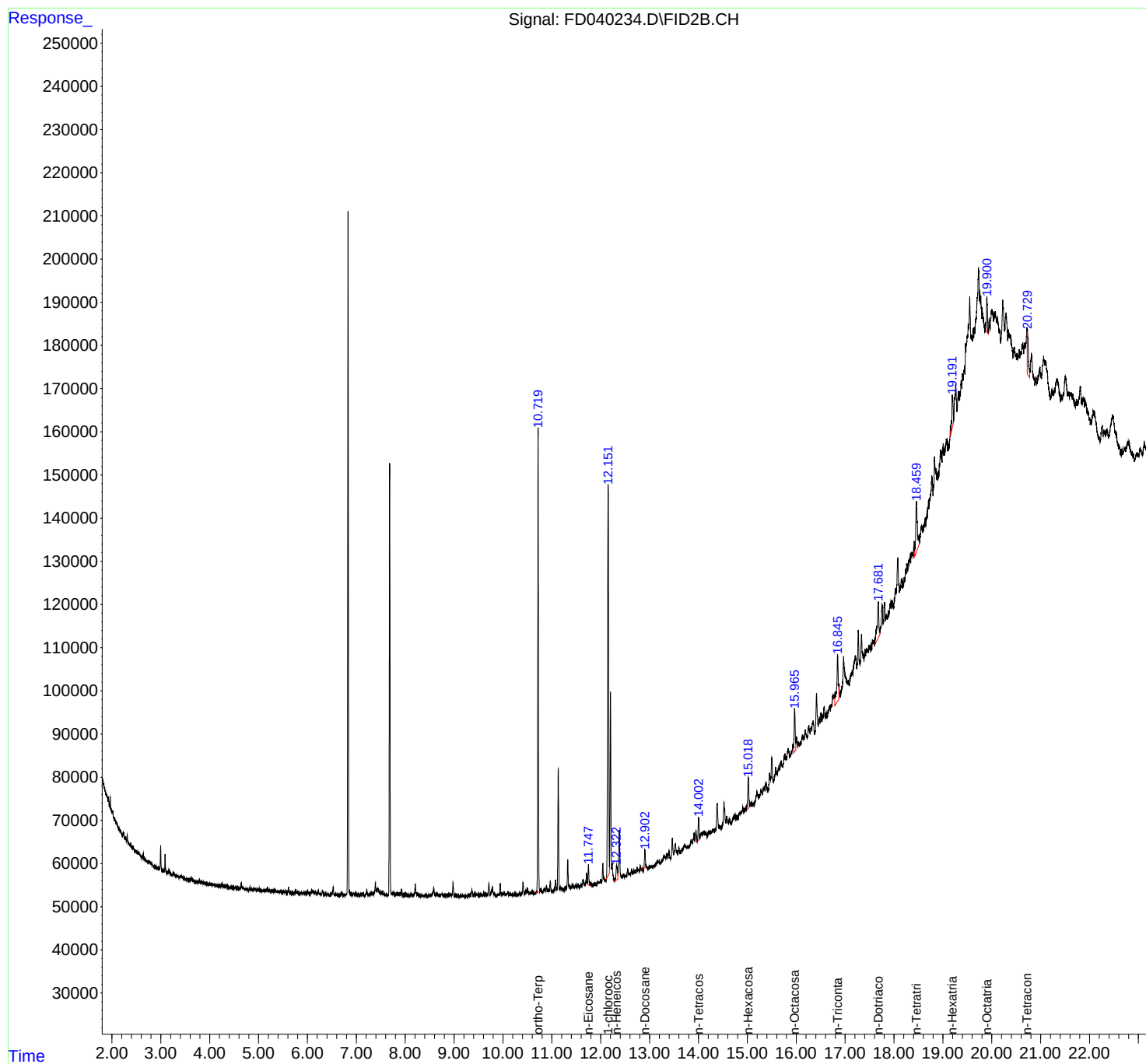
(f)=RT Delta > 1/2 Window

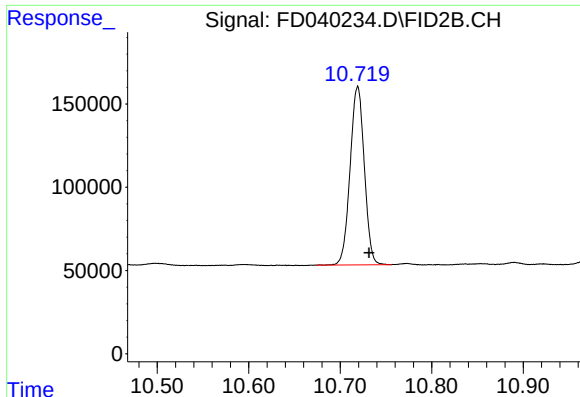
(m)=manual int.

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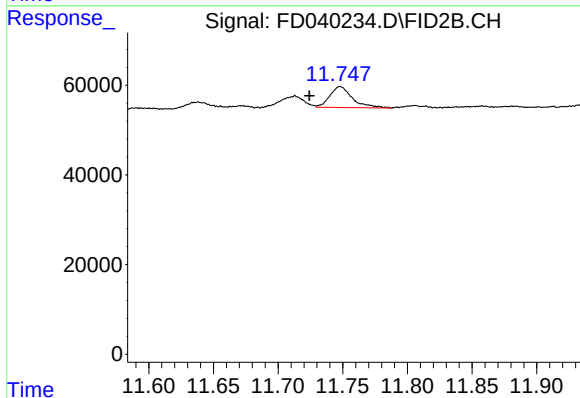
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





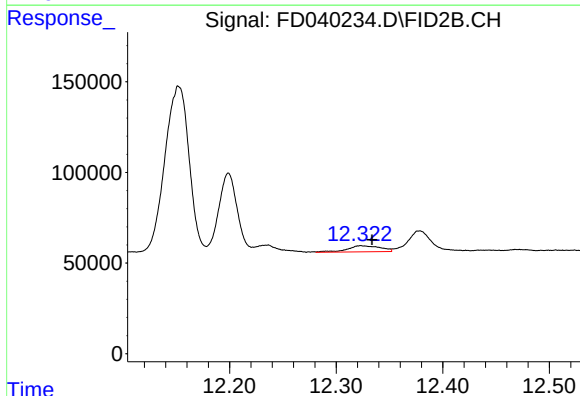
#9 ortho-Terphenyl (SURR)

R.T.: 10.719 min
Delta R.T.: -0.012 min
Response: 1155390
Conc: 7.42 ug/ml



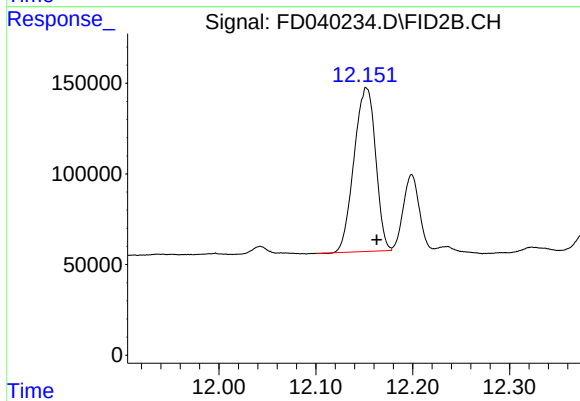
#10 n-Eicosane (C20)

R.T.: 11.748 min
Delta R.T.: 0.024 min
Response: 56995
Conc: 0.41 ug/ml



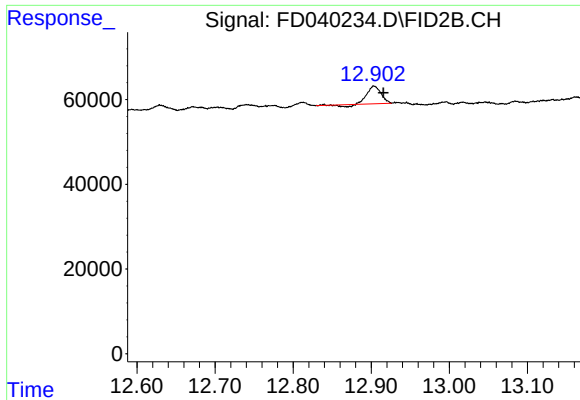
#11 n-Heneicosane (C21)

R.T.: 12.323 min
Delta R.T.: -0.011 min
Response: 73217
Conc: 0.52 ug/ml



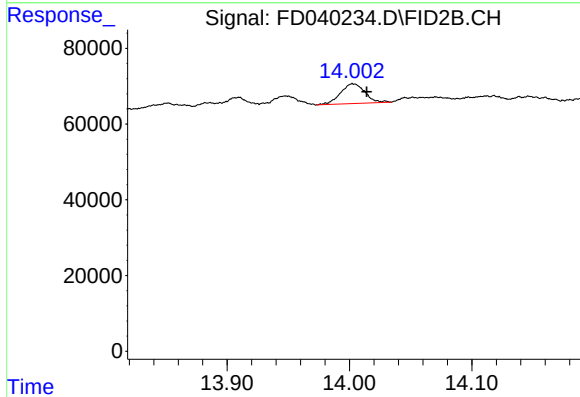
#12 1-chlorooctadecane (SURR)

R.T.: 12.152 min
Delta R.T.: -0.010 min
Response: 1395555
Conc: 11.57 ug/ml



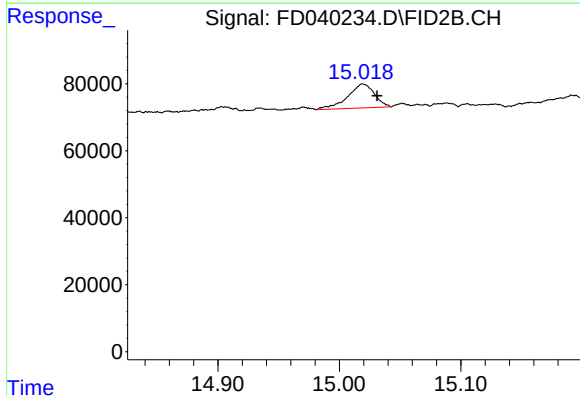
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.012 min
Response: 47947
Conc: 0.34 ug/ml



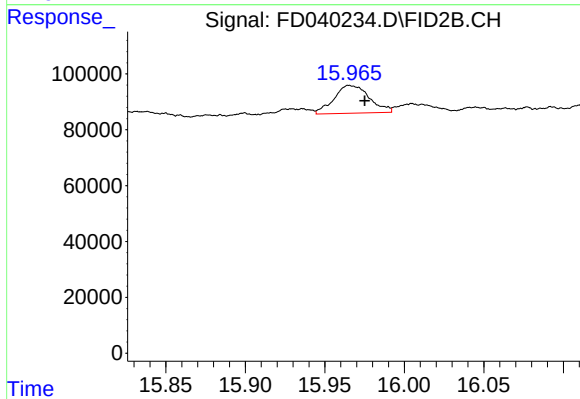
#14 n-Tetracosane (C24)

R.T.: 14.003 min
Delta R.T.: -0.011 min
Response: 72889
Conc: 0.52 ug/ml



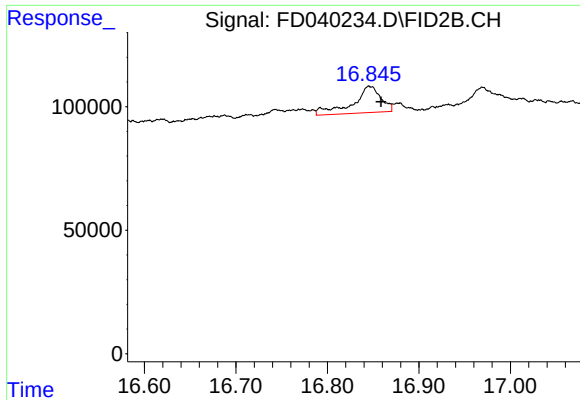
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.011 min
Response: 109942
Conc: 0.80 ug/ml



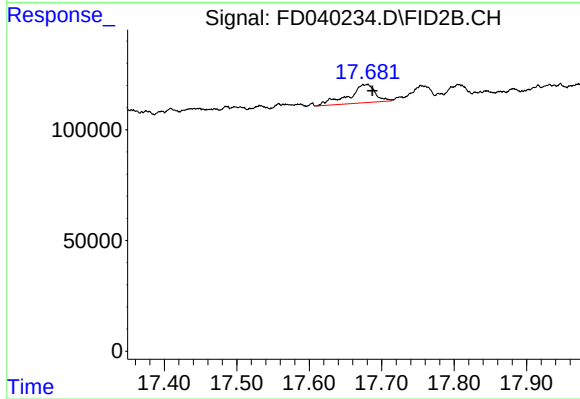
#16 n-Octacosane (C28)

R.T.: 15.966 min
Delta R.T.: -0.010 min
Response: 154269
Conc: 1.13 ug/ml



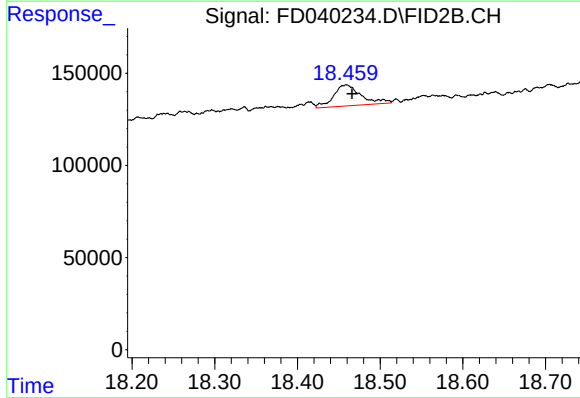
#17 n-Tricontane (C30)

R.T.: 16.846 min
Delta R.T.: -0.013 min
Response: 227197
Conc: 1.70 ug/ml



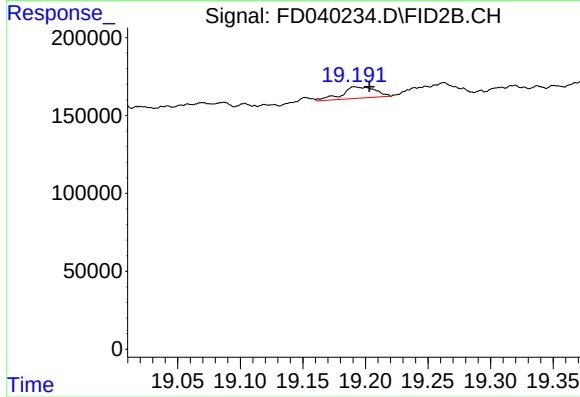
#18 n-Dotriacontane (C32)

R.T.: 17.680 min
Delta R.T.: -0.007 min
Response: 208887
Conc: 1.61 ug/ml



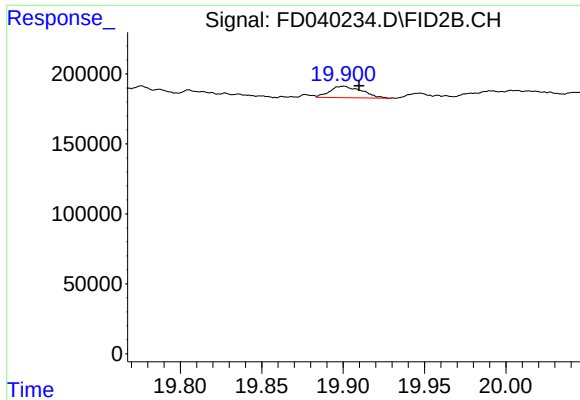
#19 n-Tetratriacontane (C34)

R.T.: 18.459 min
Delta R.T.: -0.007 min
Response: 265413
Conc: 2.19 ug/ml



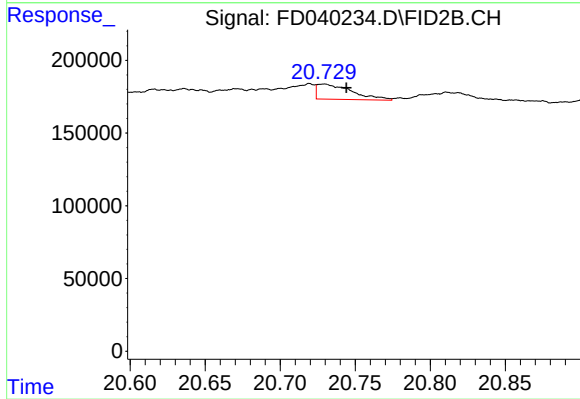
#20 n-Hexatriacontane (C36)

R.T.: 19.191 min
Delta R.T.: -0.012 min
Response: 135792
Conc: 1.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.900 min
Delta R.T.: -0.010 min
Response: 111569
Conc: 1.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.729 min
Delta R.T.: -0.015 min
Response: 169776
Conc: 2.18 ug/ml