

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032124AL\
 Data File : FE047247.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2024 13:32
 Operator : YP\AJ
 Sample : P1810-02DL2 500X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 01:21:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.952	2301624	13.950 ug/ml
Spiked Amount 50.000		Recovery =	27.90%
12) S 1-chlorooctadecane (S...	13.461f	711629	5.581 ug/ml
Spiked Amount 50.000		Recovery =	11.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.596	72186	0.474 ug/ml
7) T n-Hexadecane (C16)	10.221	969420	6.159 ug/ml
8) T n-Octadecane (C18)	11.665	513499	3.224 ug/ml
10) T n-Eicosane (C20)	12.964	613750	3.993 ug/ml
11) T n-Heneicosane (C21)	13.630f	903902	5.974 ug/ml
13) T n-Docosane (C22)	14.169	384515	2.556 ug/ml
17) T n-Tricontane (C30)	18.120	28911	0.205 ug/ml
18) T n-Dotriacontane (C32)	18.955	40664	0.295 ug/ml
20) T n-Hexatriacontane (C36)	20.467	41657	0.334 ug/ml
21) T n-Octatriacontane (C38)	21.186	75468	0.608 ug/ml
22) T n-Tetracontane (C40)	22.140	68688	0.584 ug/ml

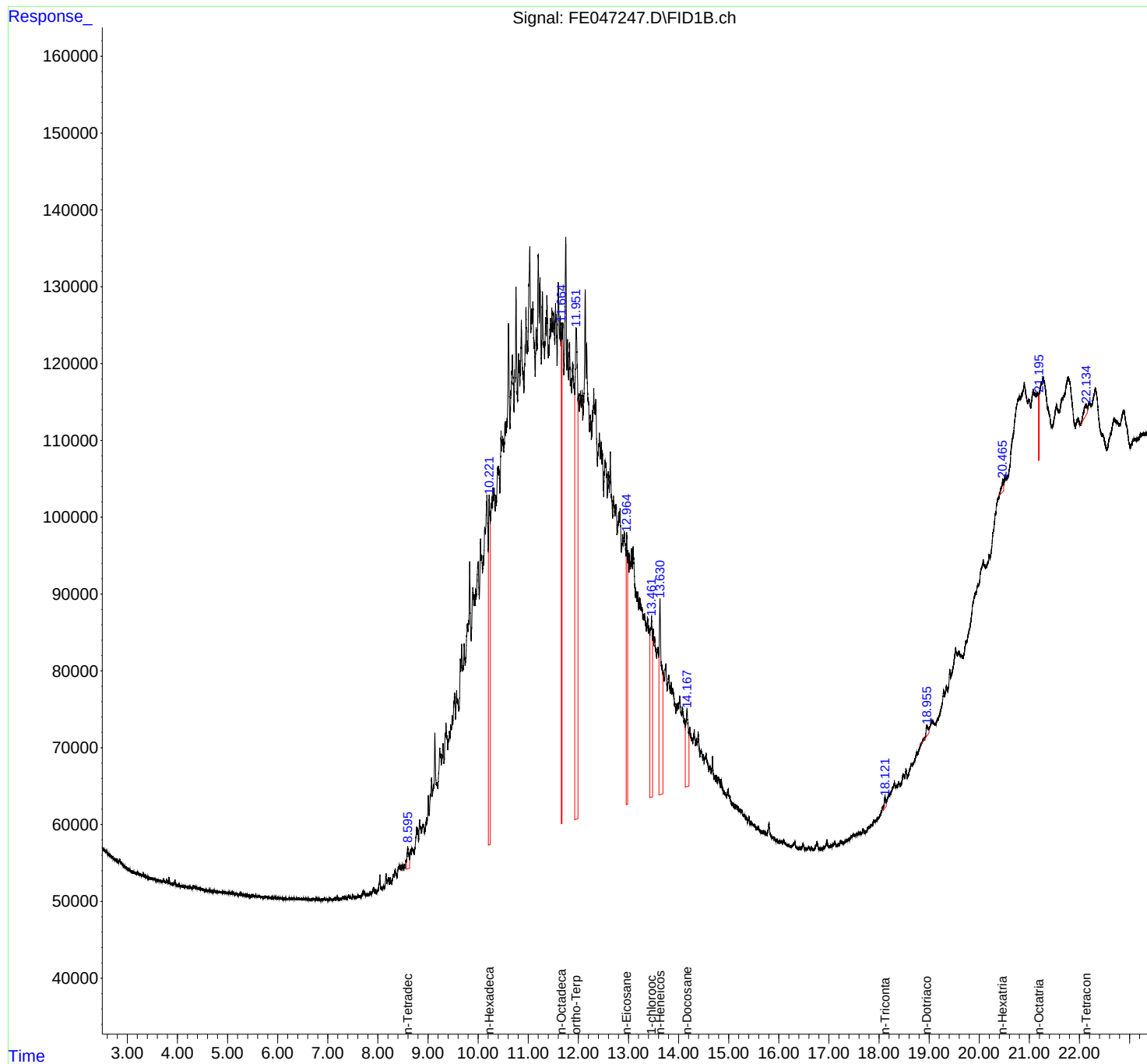
(f)=RT Delta > 1/2 Window

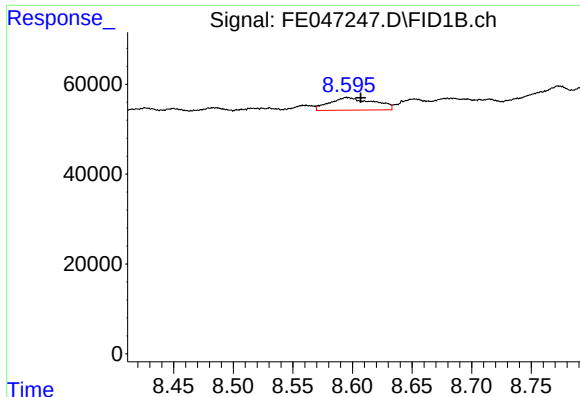
(m)=manual int.

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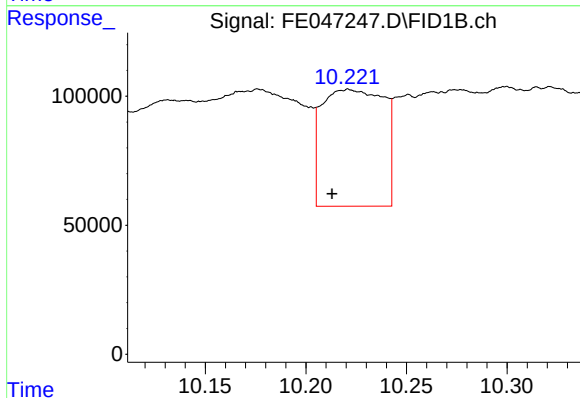
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





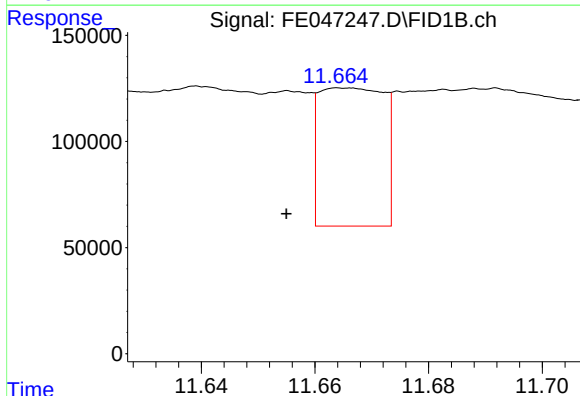
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.011 min
Response: 72186
Conc: 0.47 ug/ml



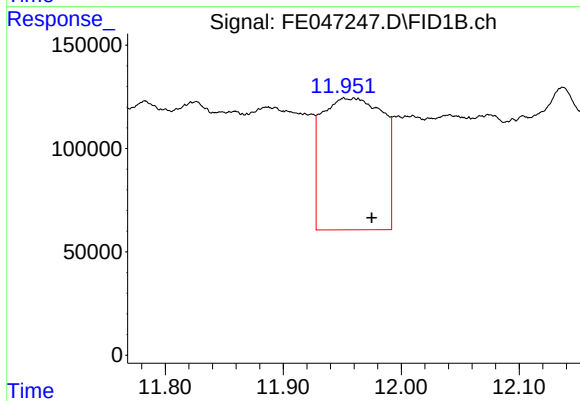
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.008 min
Response: 969420
Conc: 6.16 ug/ml



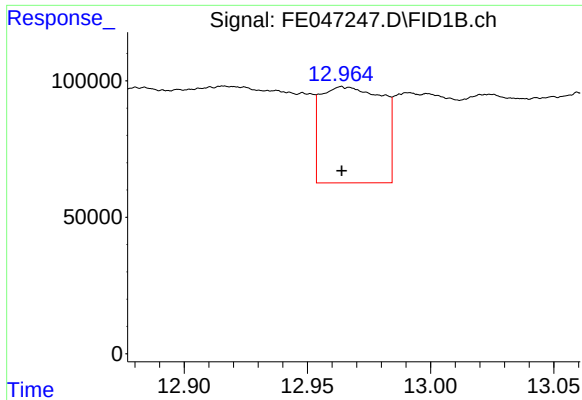
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.010 min
Response: 513499
Conc: 3.22 ug/ml



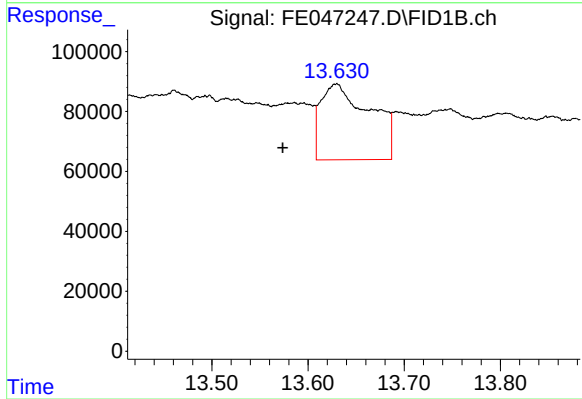
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.023 min
Response: 2301624
Conc: 13.95 ug/ml



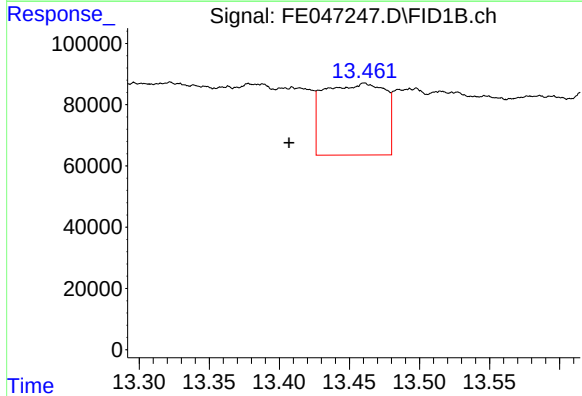
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 613750
Conc: 3.99 ug/ml



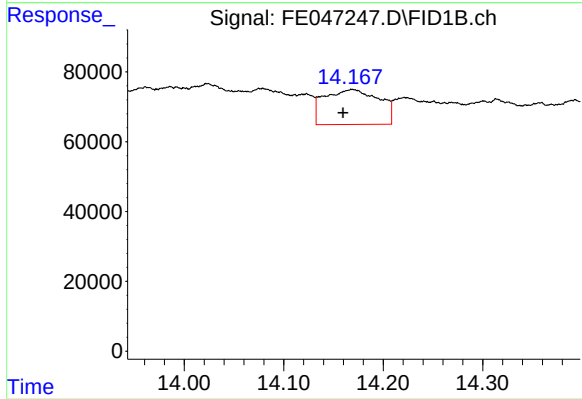
#11 n-Heneicosane (C21)

R.T.: 13.630 min
Delta R.T.: 0.056 min
Response: 903902
Conc: 5.97 ug/ml



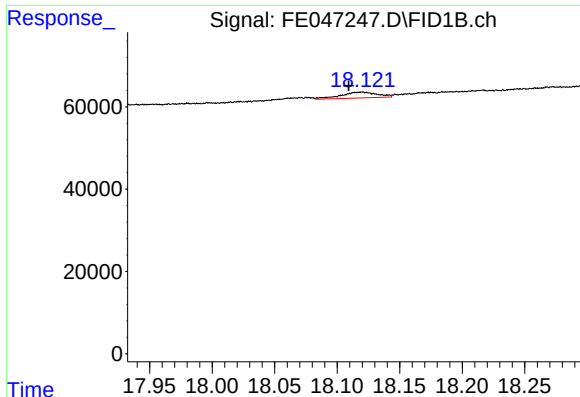
#12 1-chlorooctadecane (SURR)

R.T.: 13.461 min
Delta R.T.: 0.053 min
Response: 711629
Conc: 5.58 ug/ml



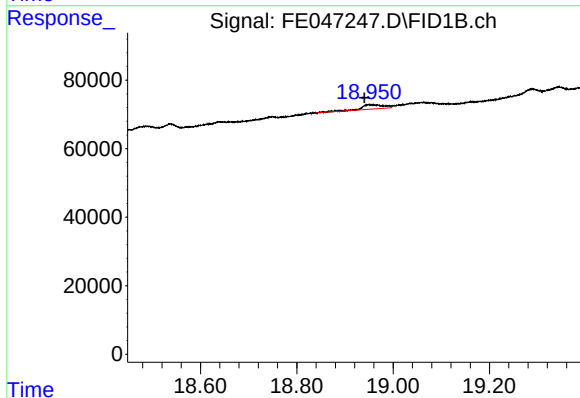
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.009 min
Response: 384515
Conc: 2.56 ug/ml



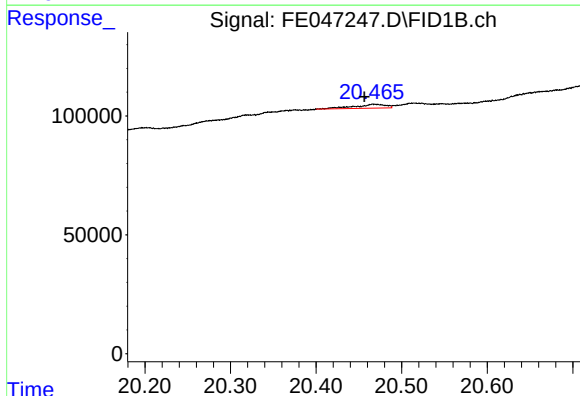
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: 0.010 min
Response: 28911
Conc: 0.20 ug/ml



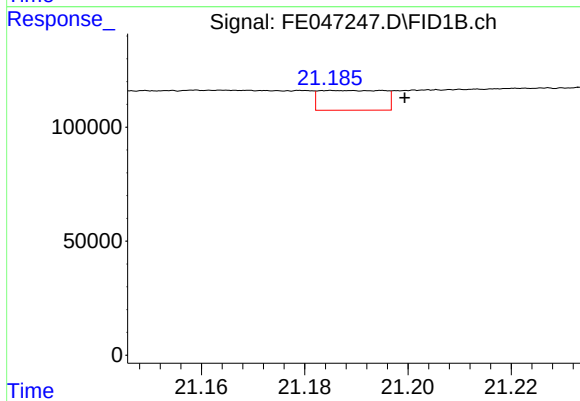
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.015 min
Response: 40664
Conc: 0.29 ug/ml



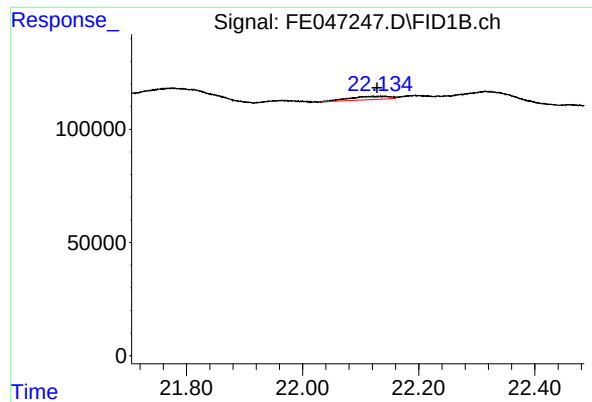
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.011 min
Response: 41657
Conc: 0.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.014 min
Response: 75468
Conc: 0.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.012 min
Response: 68688
Conc: 0.58 ug/ml