

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AL\
 Data File : FG016514.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 09:55
 Operator : YP\AJ
 Sample : Q2982-01DL 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:09:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 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)	12.058	16761492	126.609 ug/ml
Spiked Amount 50.000		Recovery =	253.22%
12) S 1-chlorooctadecane (S...	13.529	6096188	60.563 ug/ml
Spiked Amount 50.000		Recovery =	121.13%
Target Compounds			
6) T n-Tetradecane (C14)	8.659	58064	0.503 ug/ml
7) T n-Hexadecane (C16)	10.302	3026076	25.351 ug/ml
8) T n-Octadecane (C18)	11.759	5951451	49.256 ug/ml
10) T n-Eicosane (C20)	13.077	9425472	80.797 ug/ml
11) T n-Heneicosane (C21)	13.697	8864096	77.119 ug/ml
13) T n-Docosane (C22)	14.285	12075261	105.684 ug/ml
14) T n-Tetracosane (C24)	15.373	570667	5.017 ug/ml
15) T n-Hexacosane (C26)	16.450	401268	3.614 ug/ml
16) T n-Octacosane (C28)	17.356	101579	0.940 ug/ml

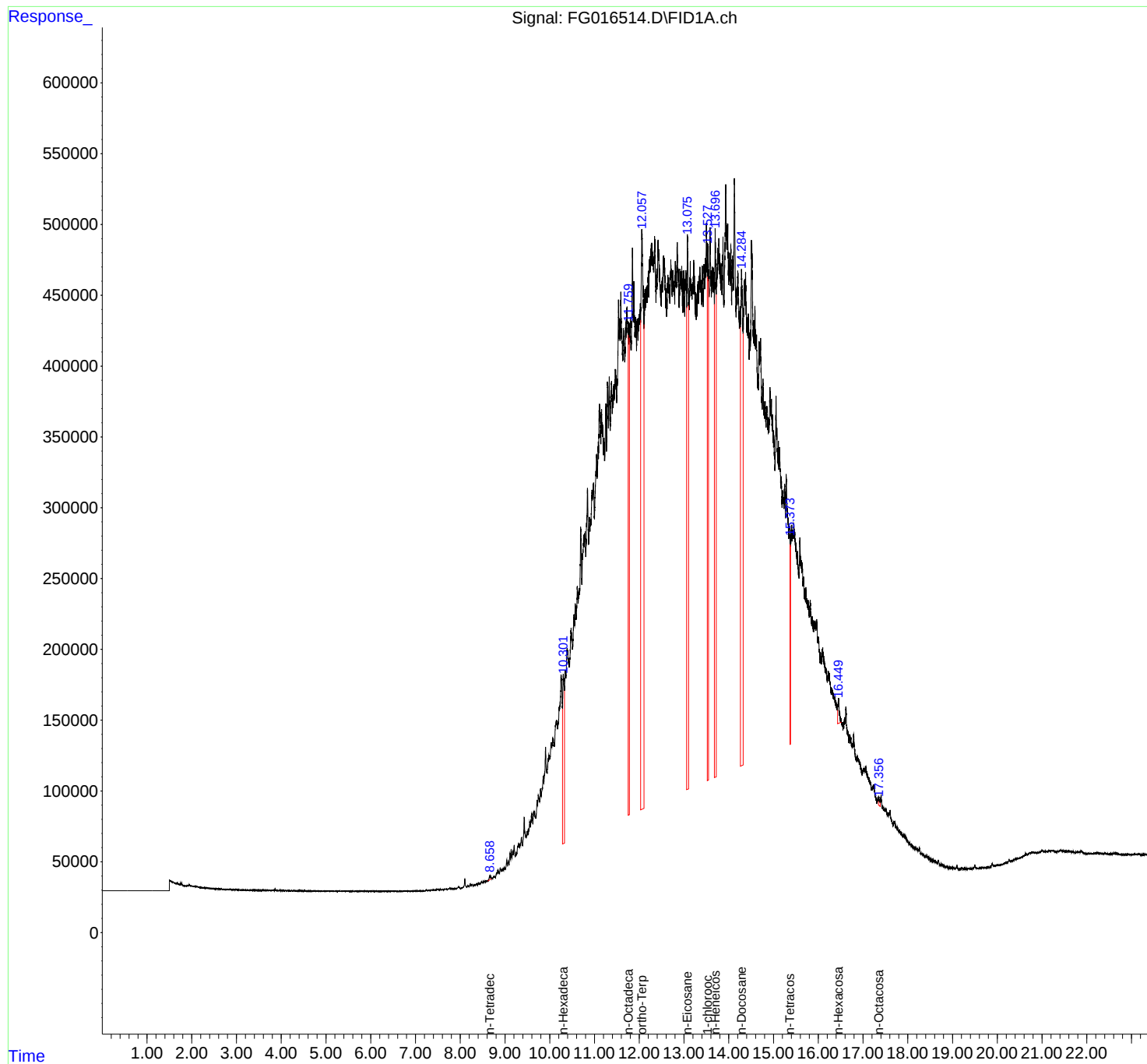
(f)=RT Delta > 1/2 Window

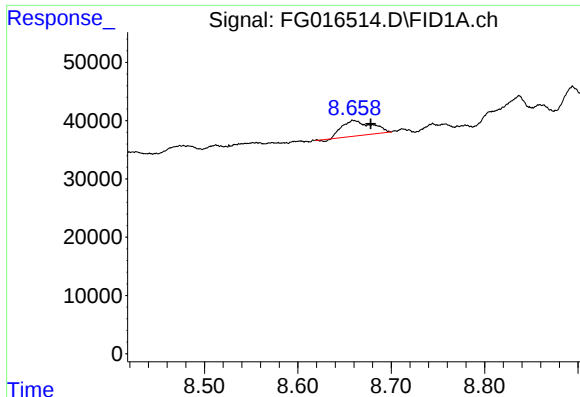
(m)=manual int.

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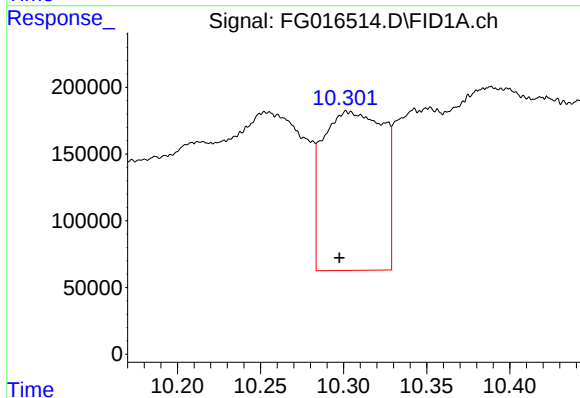
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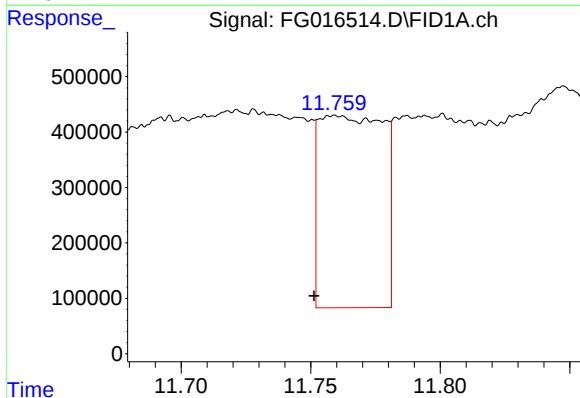
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.018 min
Response: 58064
Conc: 0.50 ug/ml



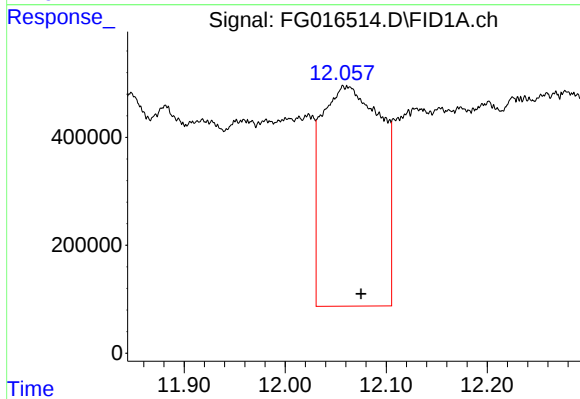
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.005 min
Response: 3026076
Conc: 25.35 ug/ml



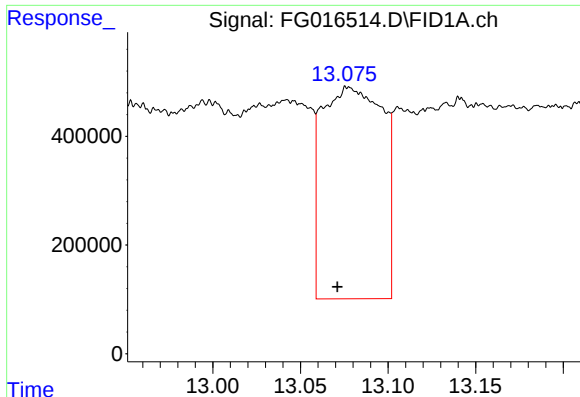
#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.008 min
Response: 5951451
Conc: 49.26 ug/ml



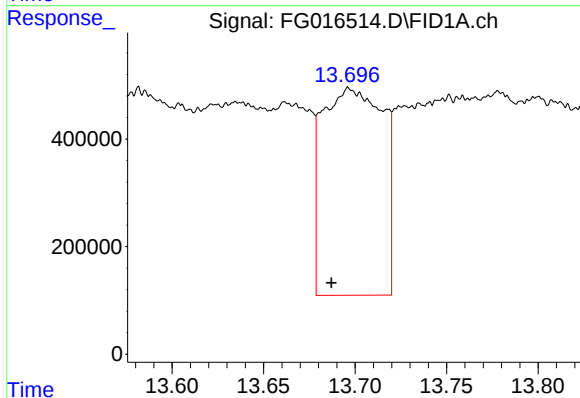
#9 ortho-Terphenyl (SURR)

R.T.: 12.058 min
Delta R.T.: -0.017 min
Response: 16761492
Conc: 126.61 ug/ml



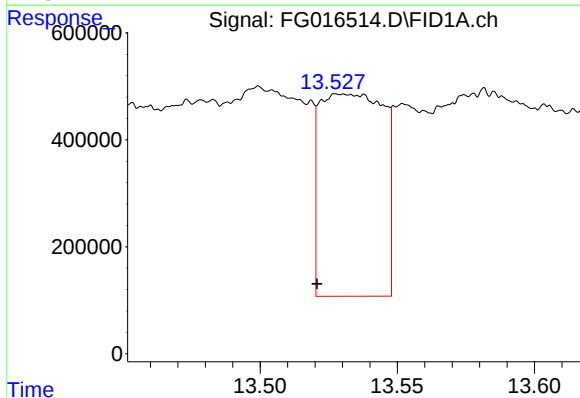
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.006 min
Response: 9425472
Conc: 80.80 ug/ml



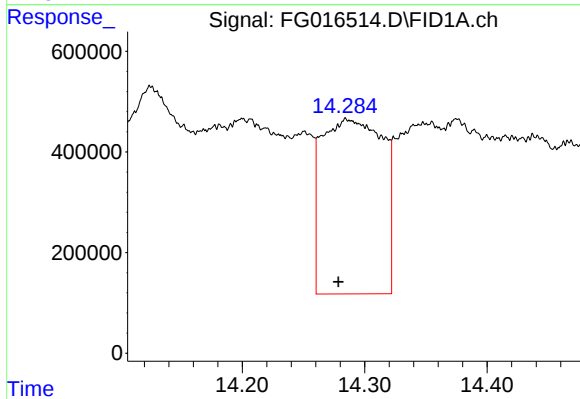
#11 n-Heneicosane (C21)

R.T.: 13.697 min
Delta R.T.: 0.010 min
Response: 8864096
Conc: 77.12 ug/ml



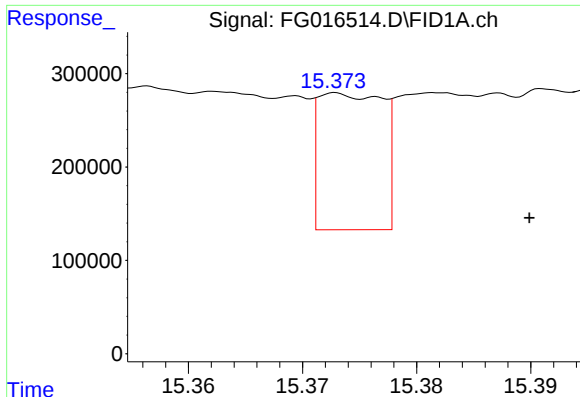
#12 1-chlorooctadecane (SURR)

R.T.: 13.529 min
Delta R.T.: 0.008 min
Response: 6096188
Conc: 60.56 ug/ml



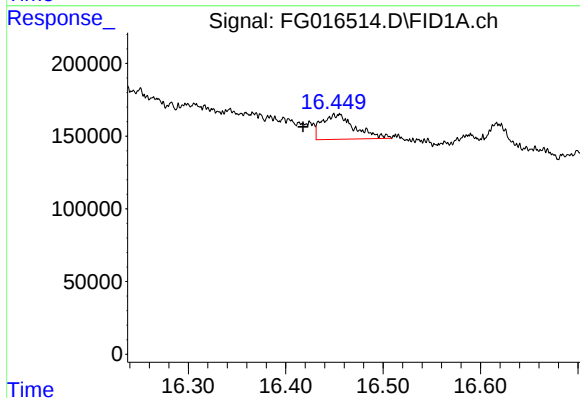
#13 n-Docosane (C22)

R.T.: 14.285 min
Delta R.T.: 0.006 min
Response: 12075261
Conc: 105.68 ug/ml



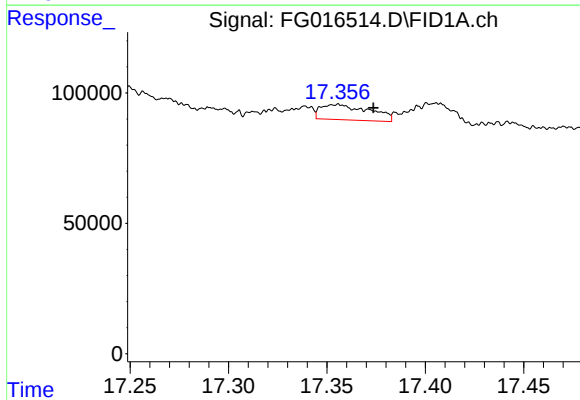
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.017 min
Response: 570667
Conc: 5.02 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.450 min
Delta R.T.: 0.032 min
Response: 401268
Conc: 3.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.018 min
Response: 101579
Conc: 0.94 ug/ml