

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016504.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 17:40
 Operator : YP\AJ
 Sample : Q2996-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:11:46 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)	12.086	31430191	237.410 ug/ml
Spiked Amount 50.000		Recovery =	474.82%
12) S 1-chlorooctadecane (S...	13.499	6922672	68.774 ug/ml
Spiked Amount 50.000		Recovery =	137.55%
Target Compounds			
7) T n-Hexadecane (C16)	10.314	1465313	12.276 ug/ml
8) T n-Octadecane (C18)	11.739	16051673	132.850 ug/ml
10) T n-Eicosane (C20)	13.055	14023283	120.211 ug/ml
11) T n-Heneicosane (C21)	13.645	32033087	278.691 ug/ml
13) T n-Docosane (C22)	14.267	15735796	137.721 ug/ml
14) T n-Tetracosane (C24)	15.406	8806647	77.422 ug/ml
15) T n-Hexacosane (C26)	16.433	858752	7.734 ug/ml
16) T n-Octacosane (C28)	17.405	841399	7.783 ug/ml
18) T n-Dotriacontane (C32)	19.092	89079	0.847 ug/ml

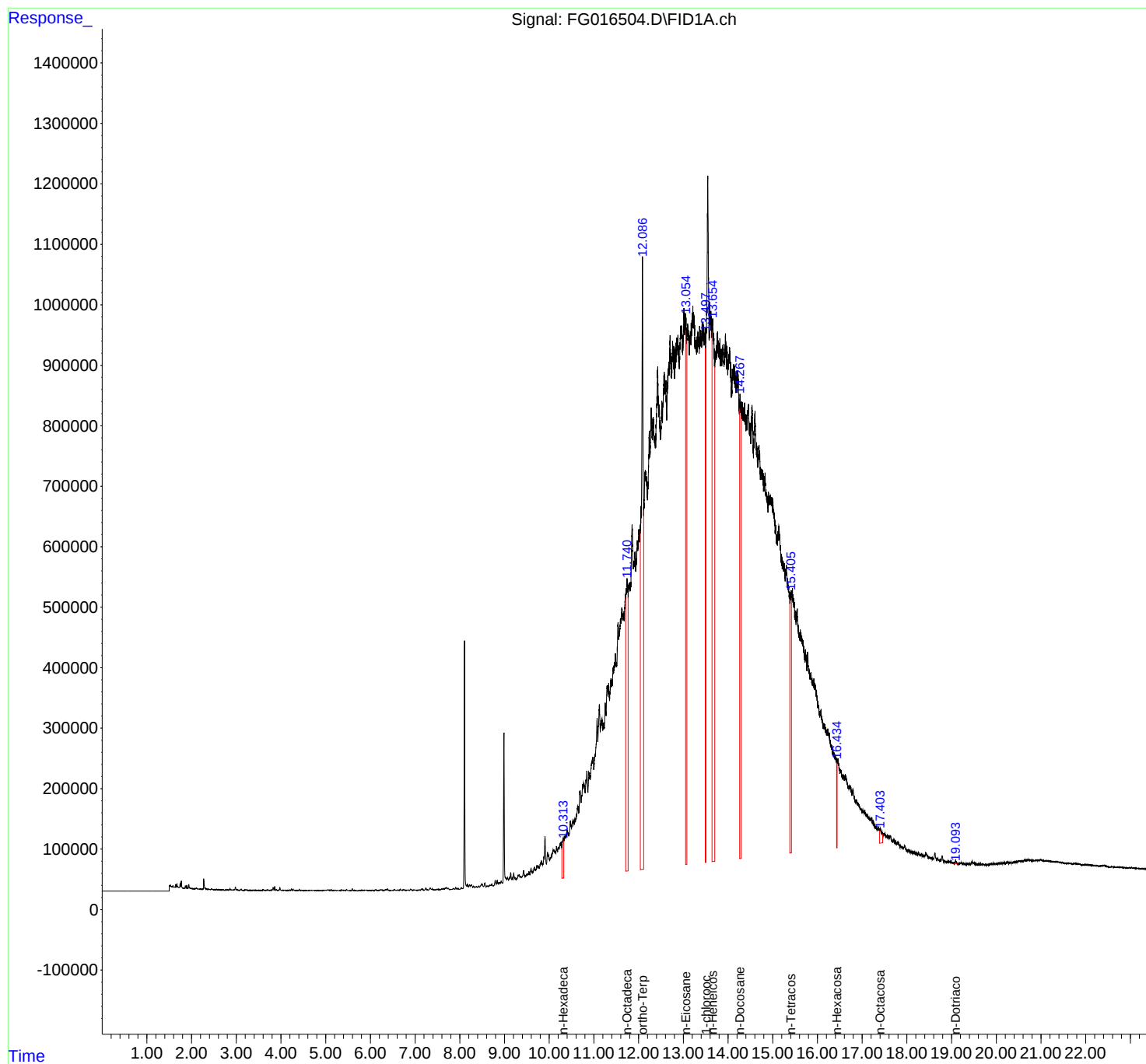
(f)=RT Delta > 1/2 Window

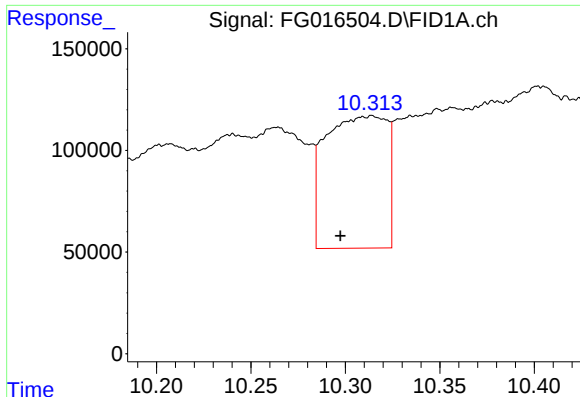
(m)=manual int.

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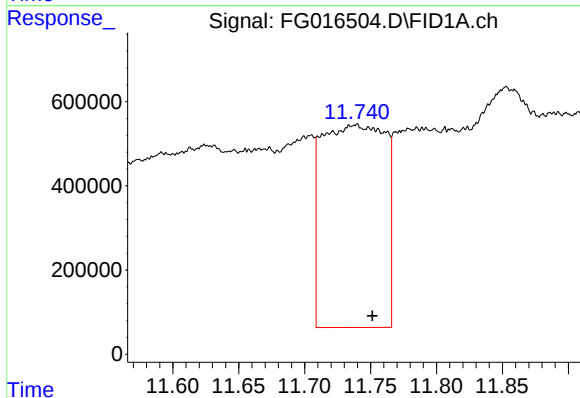
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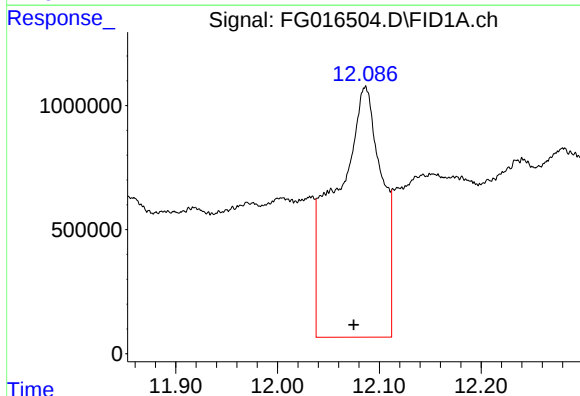
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.017 min
Response: 1465313
Conc: 12.28 ug/ml



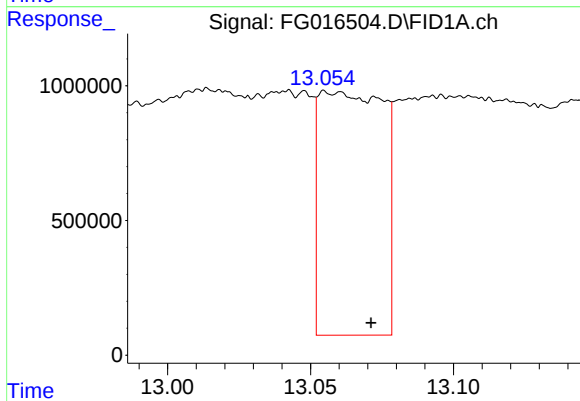
#8 n-Octadecane (C18)

R.T.: 11.739 min
Delta R.T.: -0.012 min
Response: 16051673
Conc: 132.85 ug/ml



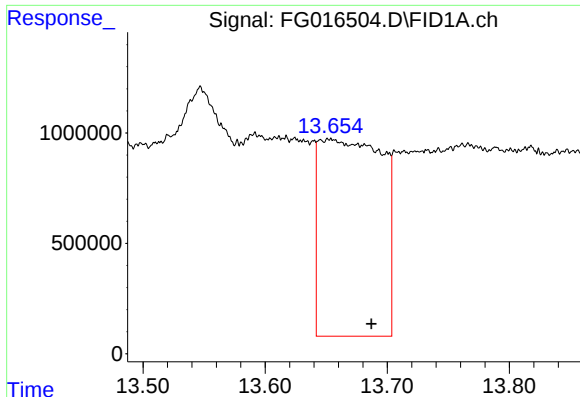
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.011 min
Response: 31430191
Conc: 237.41 ug/ml



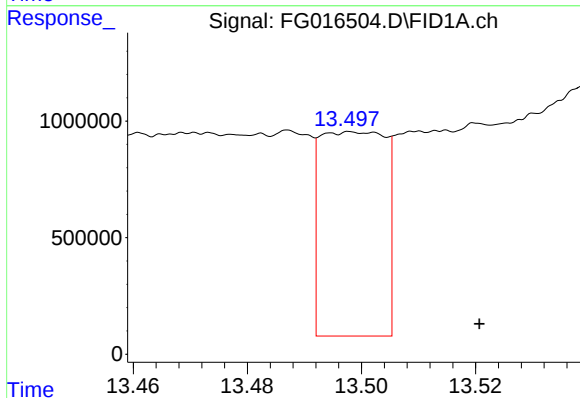
#10 n-Eicosane (C20)

R.T.: 13.055 min
Delta R.T.: -0.016 min
Response: 14023283
Conc: 120.21 ug/ml



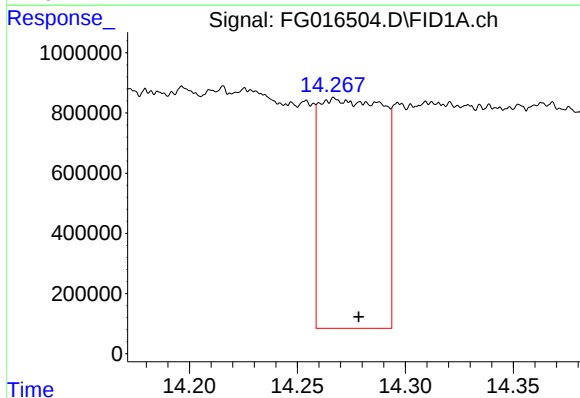
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: -0.042 min
Response: 32033087
Conc: 278.69 ug/ml



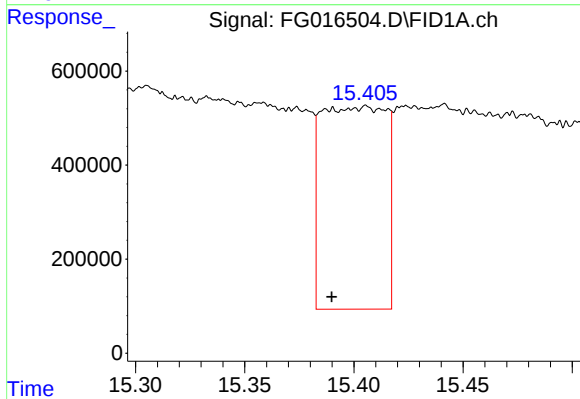
#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: -0.022 min
Response: 6922672
Conc: 68.77 ug/ml



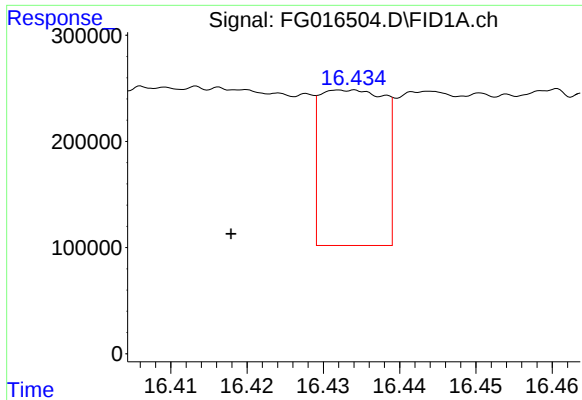
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: -0.011 min
Response: 15735796
Conc: 137.72 ug/ml



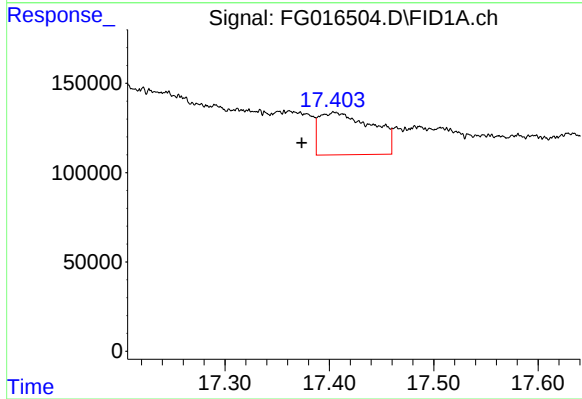
#14 n-Tetracosane (C24)

R.T.: 15.406 min
Delta R.T.: 0.016 min
Response: 8806647
Conc: 77.42 ug/ml



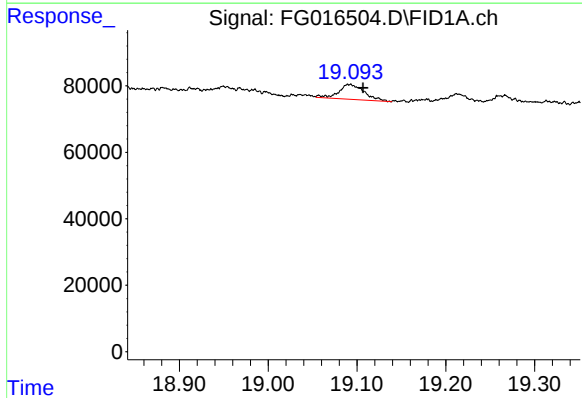
#15 n-Hexacosane (C26)

R.T.: 16.433 min
Delta R.T.: 0.015 min
Response: 858752
Conc: 7.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.405 min
Delta R.T.: 0.031 min
Response: 841399
Conc: 7.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.092 min
Delta R.T.: -0.015 min
Response: 89079
Conc: 0.85 ug/ml