

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016505.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 18:10
 Operator : YP\AJ
 Sample : Q2996-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:12:03 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)	12.085	27130578	204.933 ug/ml
Spiked Amount 50.000		Recovery =	409.87%
12) S 1-chlorooctadecane (S...	13.537	31093853	308.903 ug/ml
Spiked Amount 50.000		Recovery =	617.81%
Target Compounds			
6) T n-Tetradecane (C14)	8.709	113565	0.984 ug/ml
7) T n-Hexadecane (C16)	10.310	3561649	29.838 ug/ml
8) T n-Octadecane (C18)	11.722	14585306	120.713 ug/ml
10) T n-Eicosane (C20)	13.065	4424979	37.932 ug/ml
11) T n-Heneicosane (C21)	13.649	15510674	134.944 ug/ml
13) T n-Docosane (C22)	14.257	15536785	135.980 ug/ml
14) T n-Tetracosane (C24)	15.391	6027899	52.993 ug/ml
15) T n-Hexacosane (C26)	16.432	1773157	15.969 ug/ml
16) T n-Octacosane (C28)	17.359	706324	6.534 ug/ml

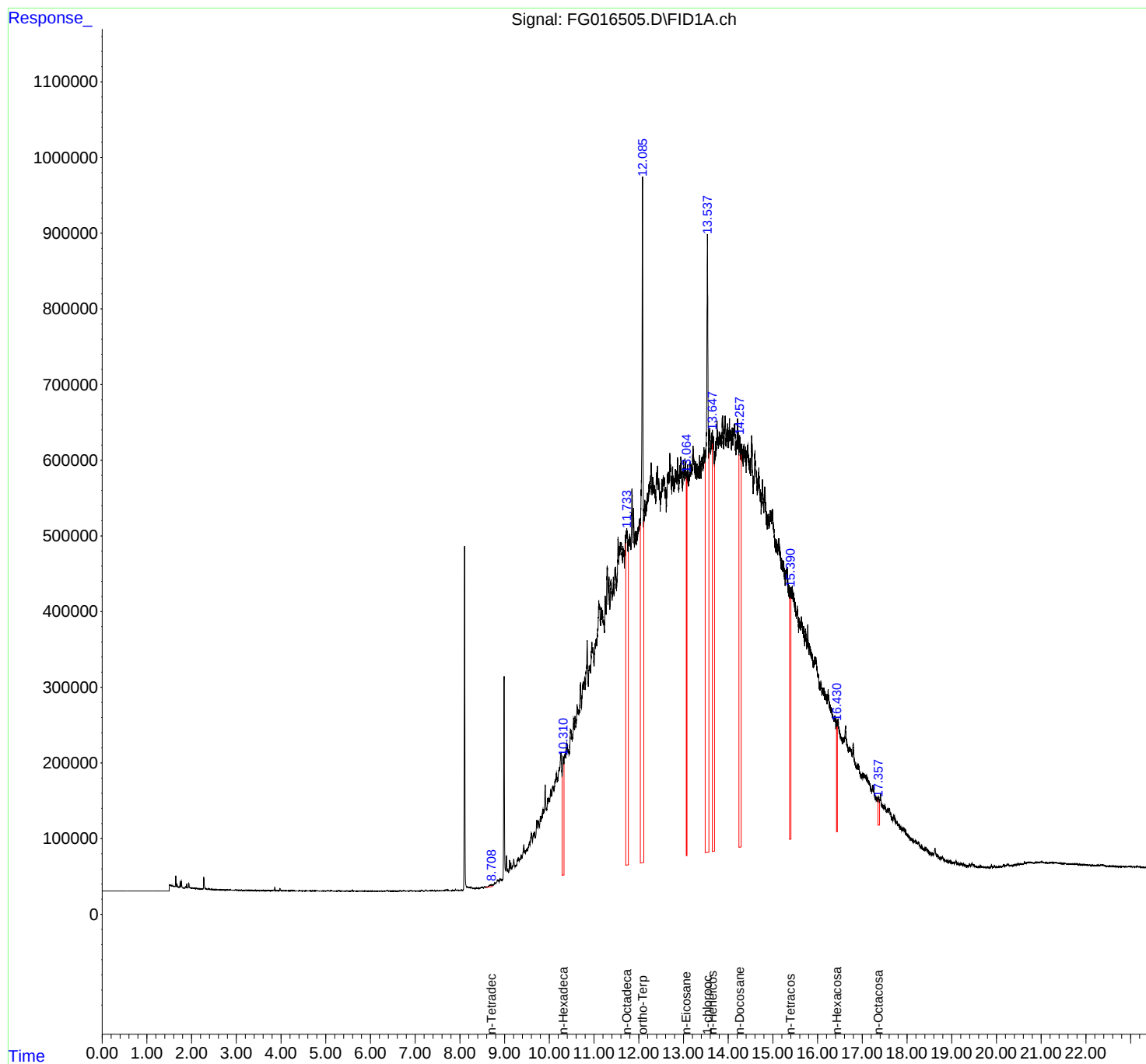
(f)=RT Delta > 1/2 Window

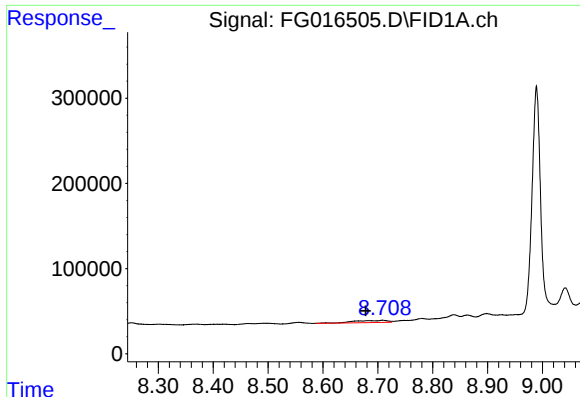
(m)=manual int.

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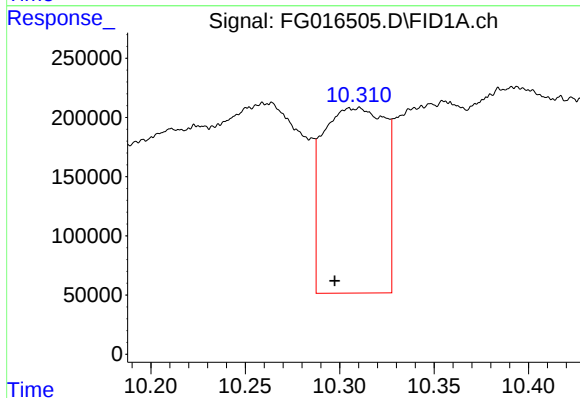
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Signal Info : 20M x 0.18mm x 0.18um





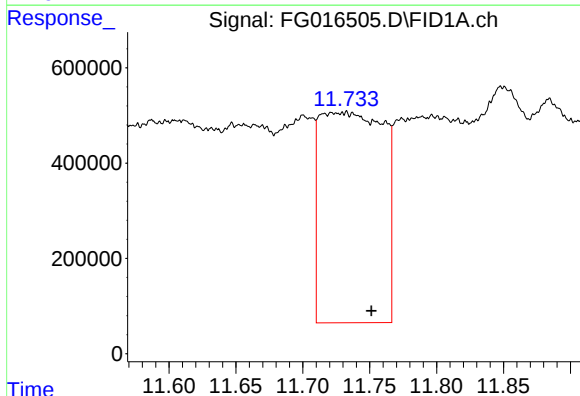
#6 n-Tetradecane (C14)

R.T.: 8.709 min
Delta R.T.: 0.031 min
Response: 113565
Conc: 0.98 ug/ml



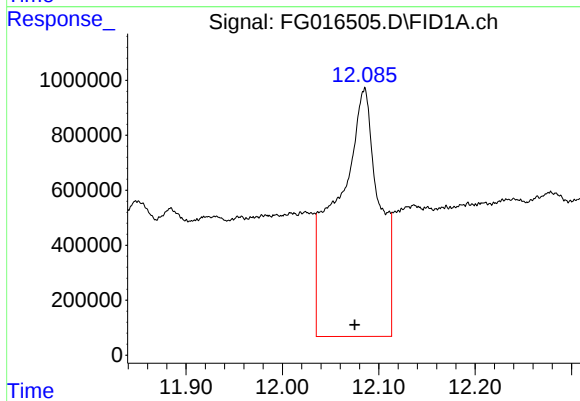
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.013 min
Response: 3561649
Conc: 29.84 ug/ml



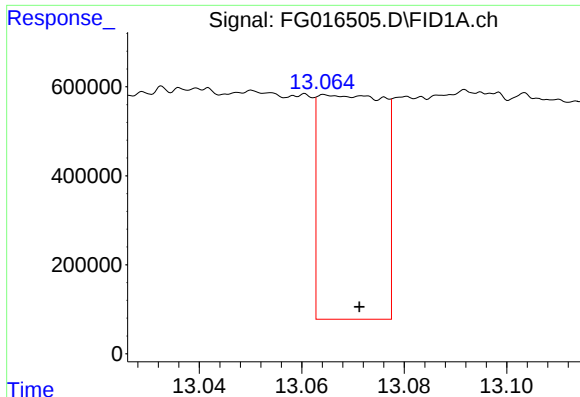
#8 n-Octadecane (C18)

R.T.: 11.722 min
Delta R.T.: -0.029 min
Response: 14585306
Conc: 120.71 ug/ml



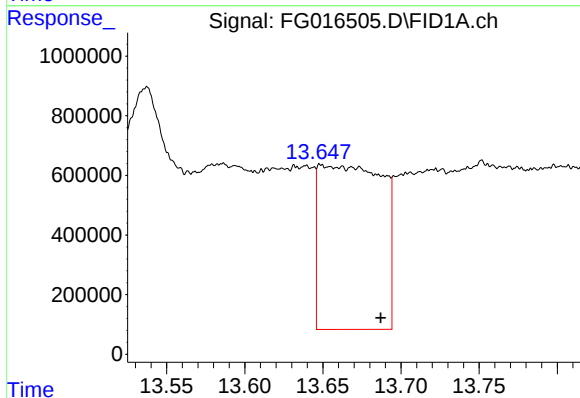
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.010 min
Response: 27130578
Conc: 204.93 ug/ml



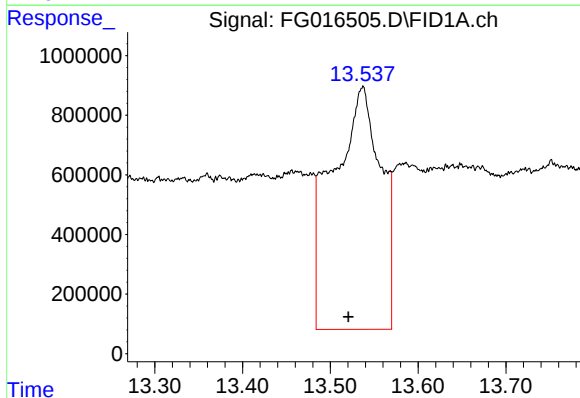
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.006 min
Response: 4424979
Conc: 37.93 ug/ml



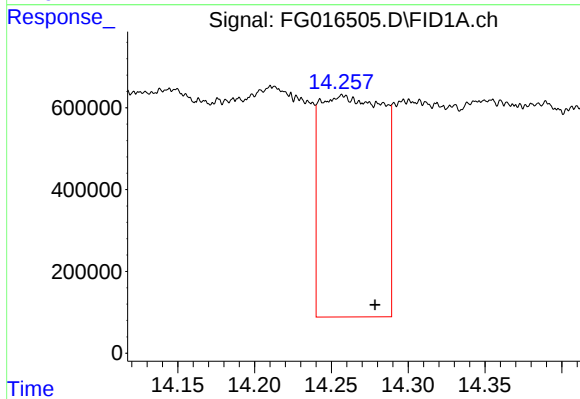
#11 n-Heneicosane (C21)

R.T.: 13.649 min
Delta R.T.: -0.038 min
Response: 15510674
Conc: 134.94 ug/ml



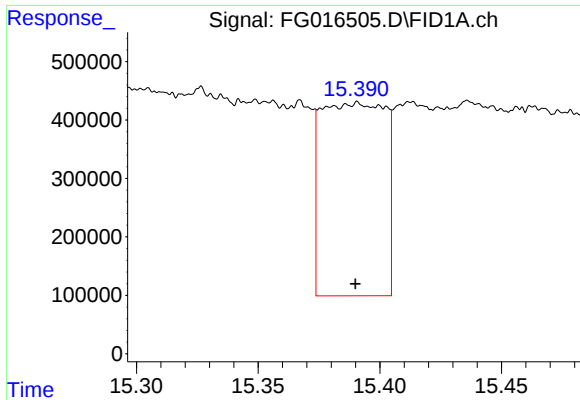
#12 1-chlorooctadecane (SURR)

R.T.: 13.537 min
Delta R.T.: 0.016 min
Response: 31093853
Conc: 308.90 ug/ml



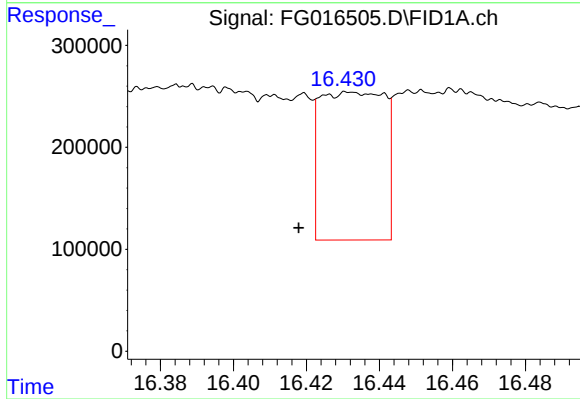
#13 n-Docosane (C22)

R.T.: 14.257 min
Delta R.T.: -0.021 min
Response: 15536785
Conc: 135.98 ug/ml



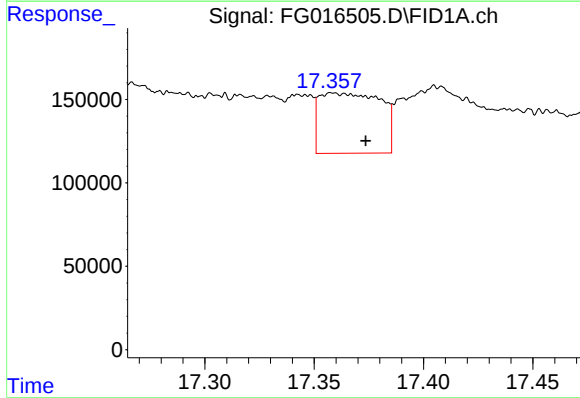
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.000 min
Response: 6027899
Conc: 52.99 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.432 min
Delta R.T.: 0.014 min
Response: 1773157
Conc: 15.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: -0.015 min
Response: 706324
Conc: 6.53 ug/ml