

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055149.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 15:06
 Operator : YP\AJ
 Sample : Q2772-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:23:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.096	10589685	74.155 ug/ml
Spiked Amount 50.000		Recovery =	148.31%
12) S 1-chlorooctadecane (S...	13.533	7446056	69.250 ug/ml
Spiked Amount 50.000		Recovery =	138.50%
Target Compounds			
6) T n-Tetradecane (C14)	8.683	121848	0.994 ug/ml
7) T n-Hexadecane (C16)	10.325	429961	3.363 ug/ml
8) T n-Octadecane (C18)	11.768	1105903	8.476 ug/ml
10) T n-Eicosane (C20)	13.081	820078	6.536 ug/ml
11) T n-Heneicosane (C21)	13.668	620359	5.033 ug/ml
13) T n-Docosane (C22)	14.277	495519	4.058 ug/ml
14) T n-Tetracosane (C24)	15.383	447851	3.682 ug/ml
15) T n-Hexacosane (C26)	16.403	76117	0.636 ug/ml
16) T n-Octacosane (C28)	17.354	72167	0.608 ug/ml
17) T n-Tricontane (C30)	18.244	87782	0.713 ug/ml
18) T n-Dotriacontane (C32)	19.077	117649	0.964 ug/ml
19) T n-Tetratriacontane (C34)	19.864	57853	0.495 ug/ml
20) T n-Hexatriacontane (C36)	20.605	41036	0.375 ug/ml

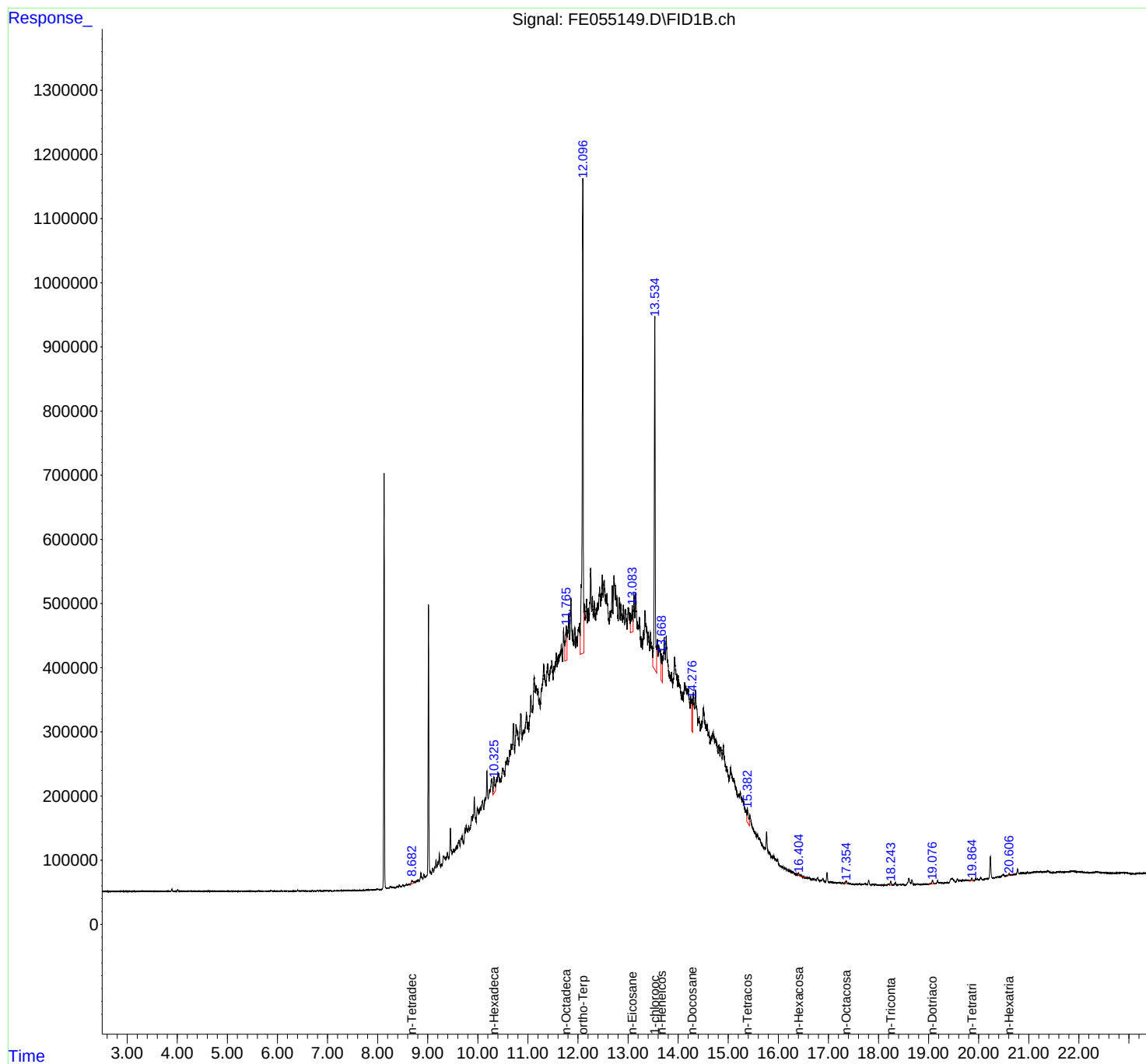
(f)=RT Delta > 1/2 Window

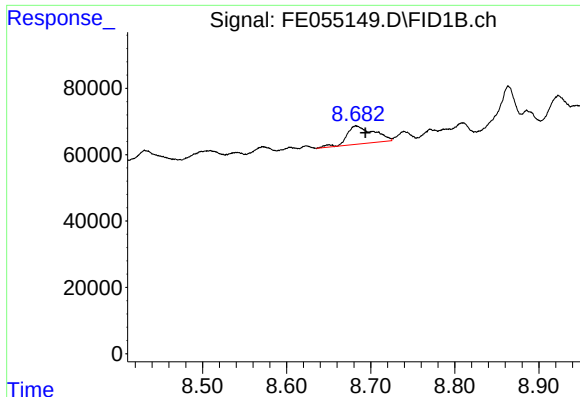
(m)=manual int.

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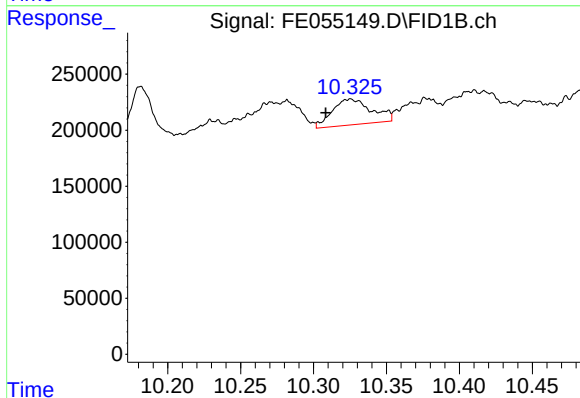
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





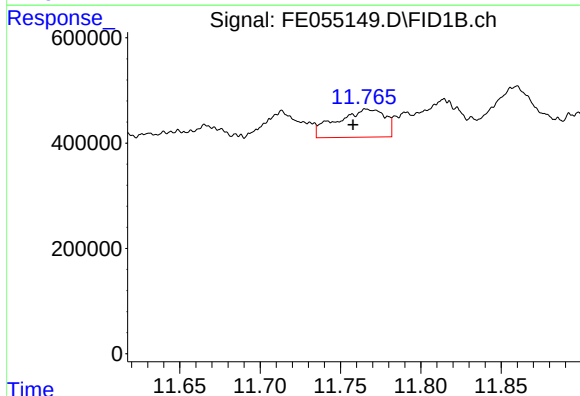
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.010 min
Response: 121848
Conc: 0.99 ug/ml



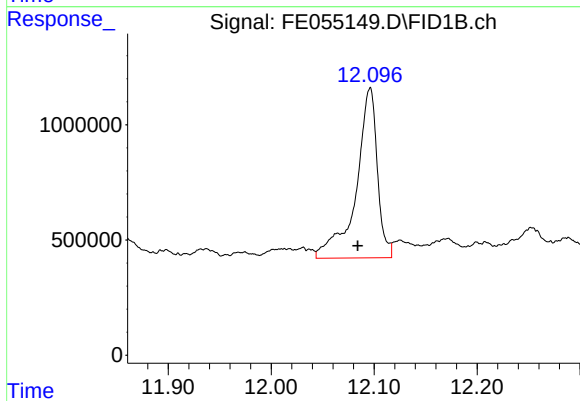
#7 n-Hexadecane (C16)

R.T.: 10.325 min
Delta R.T.: 0.017 min
Response: 429961
Conc: 3.36 ug/ml



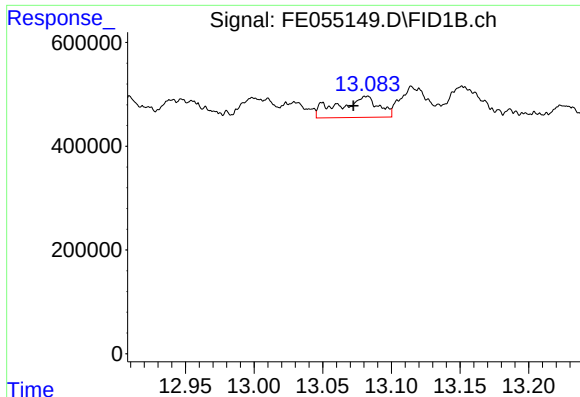
#8 n-Octadecane (C18)

R.T.: 11.768 min
Delta R.T.: 0.010 min
Response: 1105903
Conc: 8.48 ug/ml



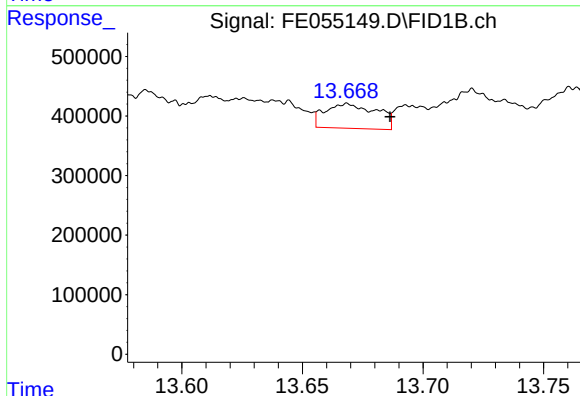
#9 ortho-Terphenyl (SURR)

R.T.: 12.096 min
Delta R.T.: 0.012 min
Response: 10589685
Conc: 74.16 ug/ml



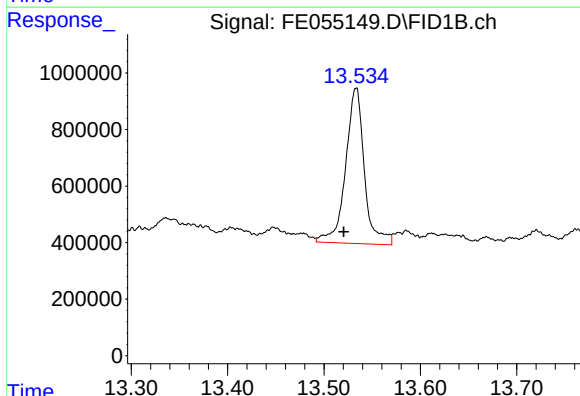
#10 n-Eicosane (C20)

R.T.: 13.081 min
Delta R.T.: 0.009 min
Response: 820078
Conc: 6.54 ug/ml



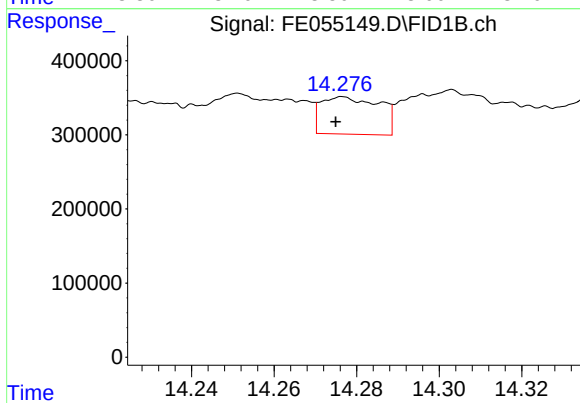
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.018 min
Response: 620359
Conc: 5.03 ug/ml



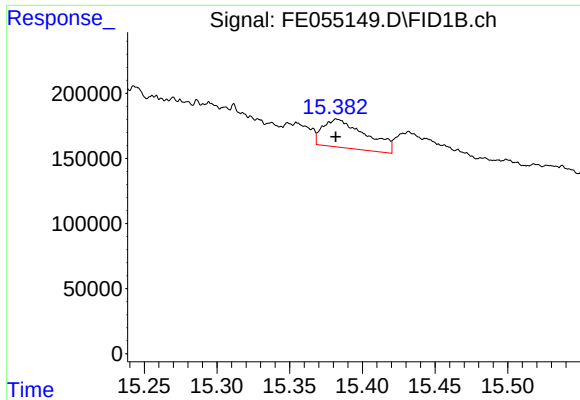
#12 1-chlorooctadecane (SURR)

R.T.: 13.533 min
Delta R.T.: 0.013 min
Response: 7446056
Conc: 69.25 ug/ml



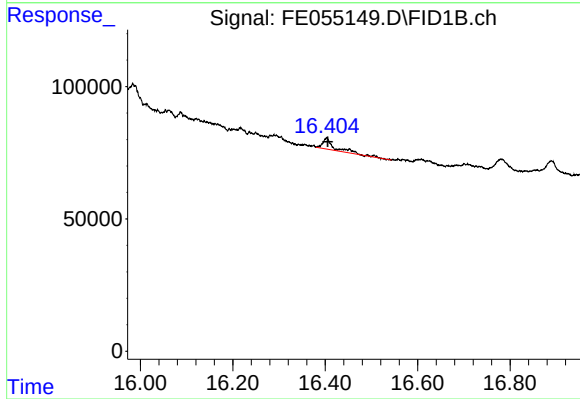
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 495519
Conc: 4.06 ug/ml



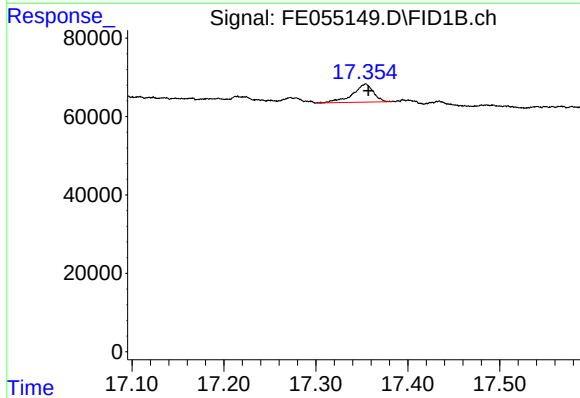
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 447851
Conc: 3.68 ug/ml



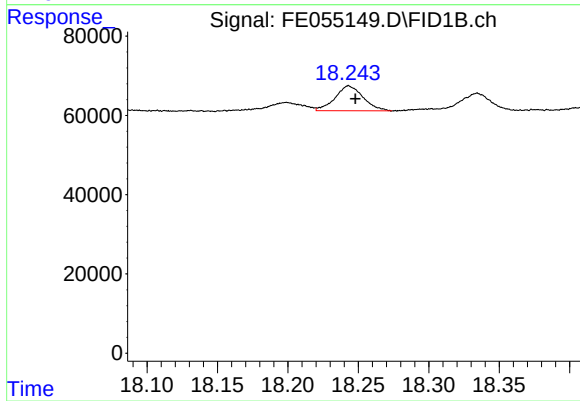
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 76117
Conc: 0.64 ug/ml



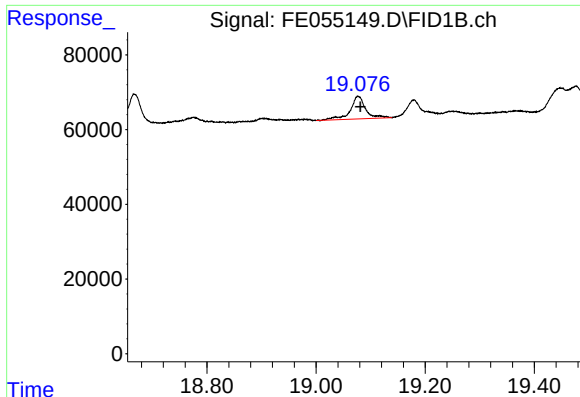
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 72167
Conc: 0.61 ug/ml



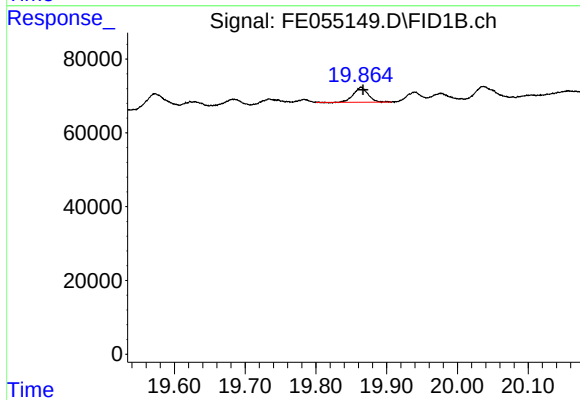
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 87782
Conc: 0.71 ug/ml



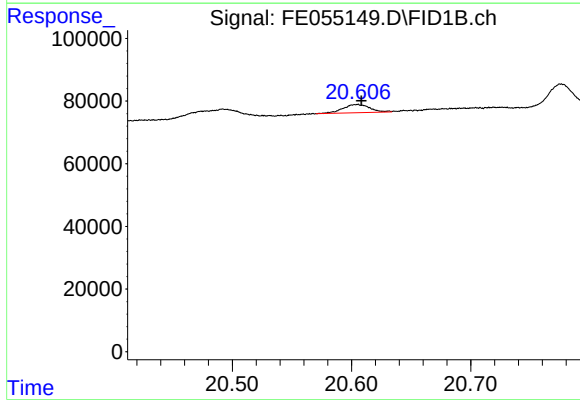
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 117649
Conc: 0.96 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 57853
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 41036
Conc: 0.38 ug/ml