

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091925AL\
 Data File : FE055907.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2025 18:27
 Operator : YP\AJ
 Sample : Q3140-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 21:47:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.076	5139339	31.283 ug/ml
Spiked Amount 50.000		Recovery =	62.57%
12) S 1-chlorooctadecane (S...	13.513	4190624	33.513 ug/ml
Spiked Amount 50.000		Recovery =	67.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.682	191165	1.452 ug/ml
7) T n-Hexadecane (C16)	10.297	448208	3.236 ug/ml
8) T n-Octadecane (C18)	11.747	640035	4.388 ug/ml
10) T n-Eicosane (C20)	13.061	470992	3.272 ug/ml
11) T n-Heneicosane (C21)	13.677	289976	2.030 ug/ml
13) T n-Docosane (C22)	14.266	233946	1.634 ug/ml
14) T n-Tetracosane (C24)	15.371	207749	1.436 ug/ml
15) T n-Hexacosane (C26)	16.396	68827	0.482 ug/ml
16) T n-Octacosane (C28)	17.349	171226	1.204 ug/ml
17) T n-Tricontane (C30)	18.241	503585	3.407 ug/ml
18) T n-Dotriacontane (C32)	19.074	391038	2.664 ug/ml
19) T n-Tetratriacontane (C34)	19.862	173272	1.226 ug/ml
20) T n-Hexatriacontane (C36)	20.603	126009	0.955 ug/ml
22) T n-Tetracontane (C40)	22.363	356040	2.776 ug/ml

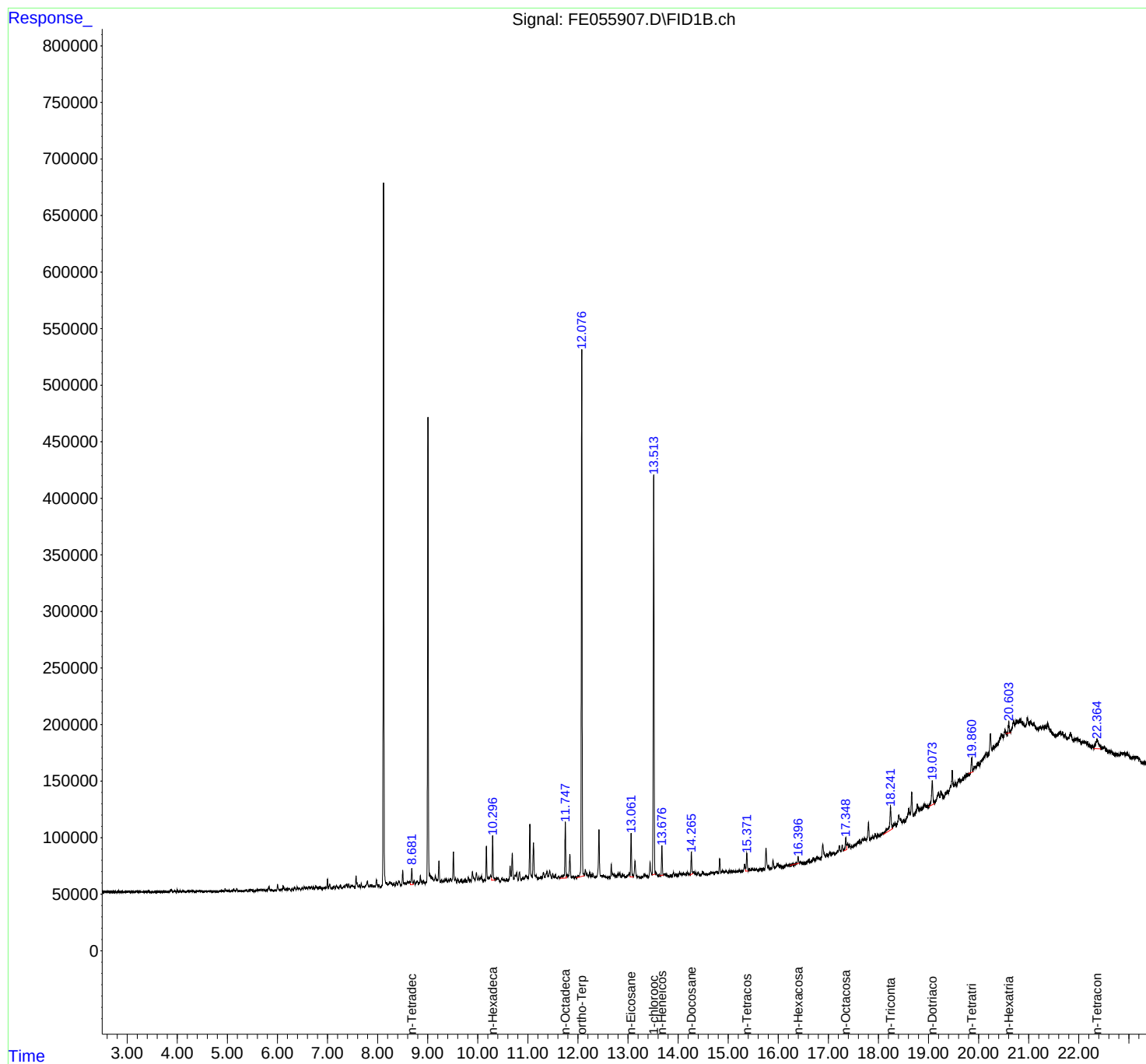
(f)=RT Delta > 1/2 Window

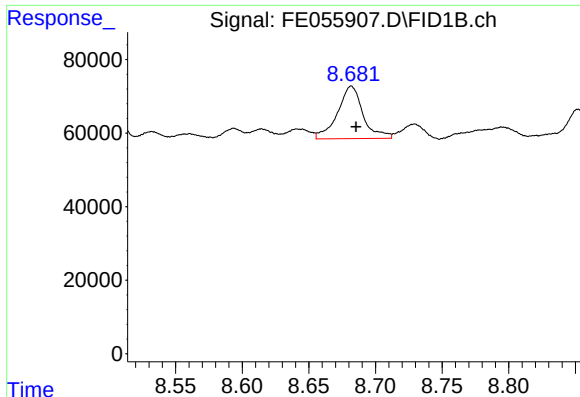
(m)=manual int.

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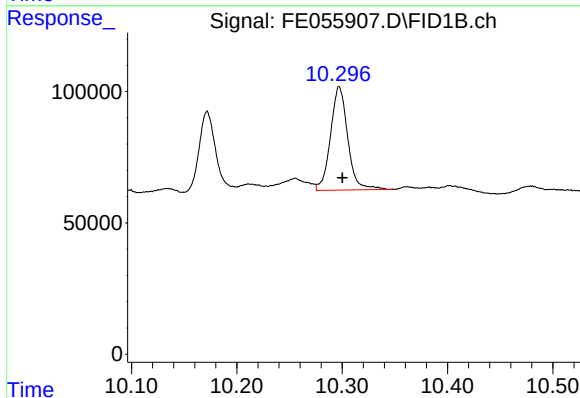
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Signal Info : 20M x 0.18mm x 0.18um





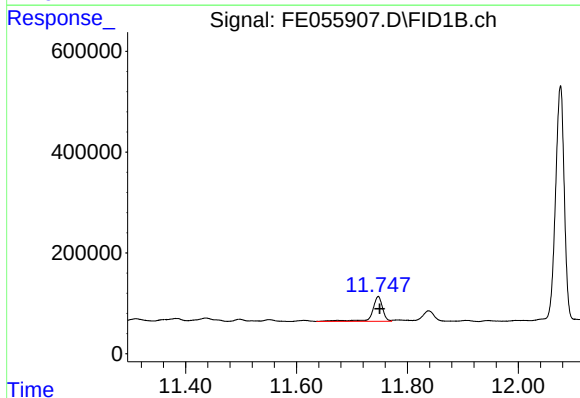
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 191165
Conc: 1.45 ug/ml



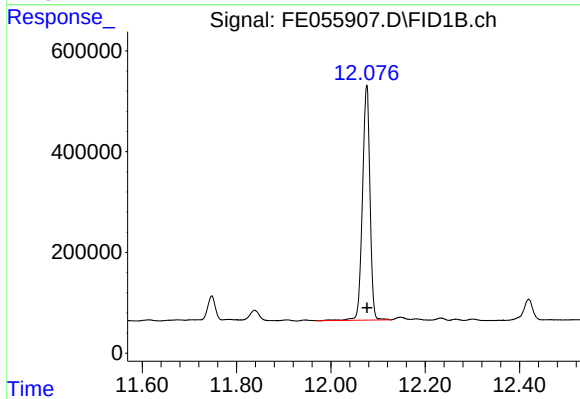
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.003 min
Response: 448208
Conc: 3.24 ug/ml



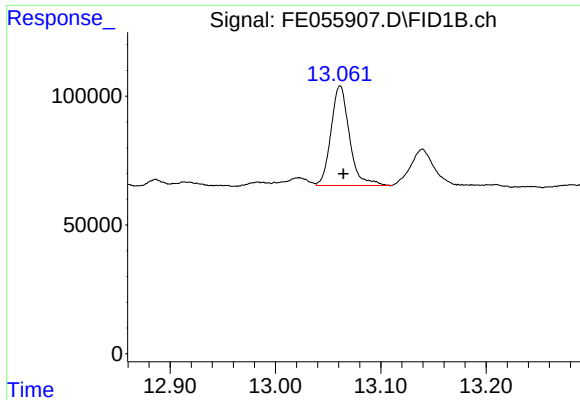
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 640035
Conc: 4.39 ug/ml



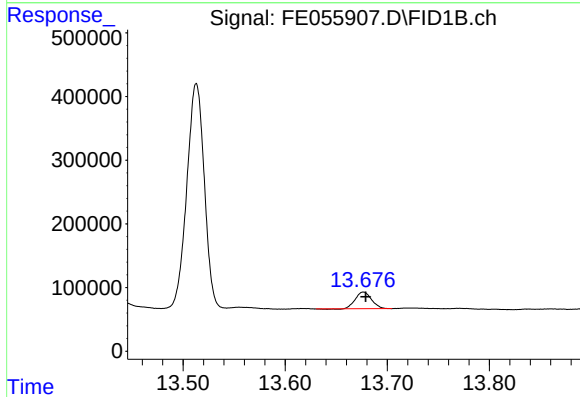
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 5139339
Conc: 31.28 ug/ml



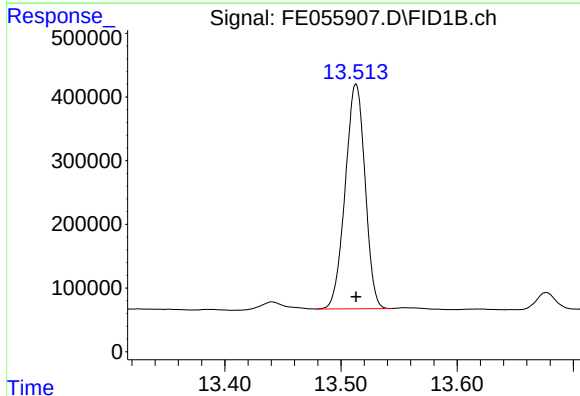
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 470992
Conc: 3.27 ug/ml



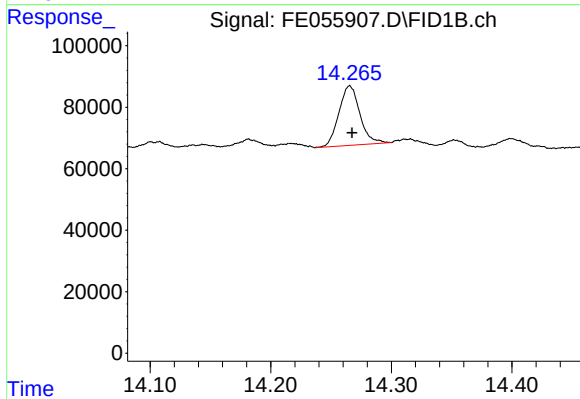
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.002 min
Response: 289976
Conc: 2.03 ug/ml



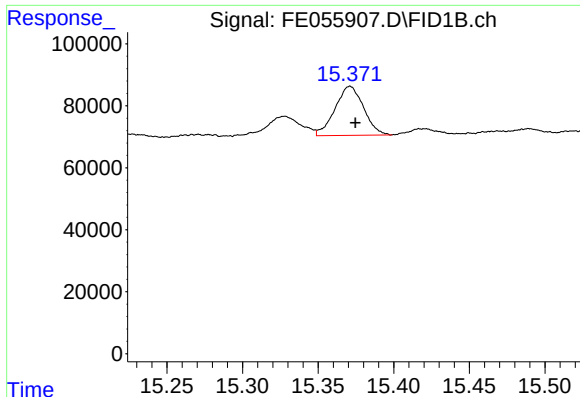
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 4190624
Conc: 33.51 ug/ml



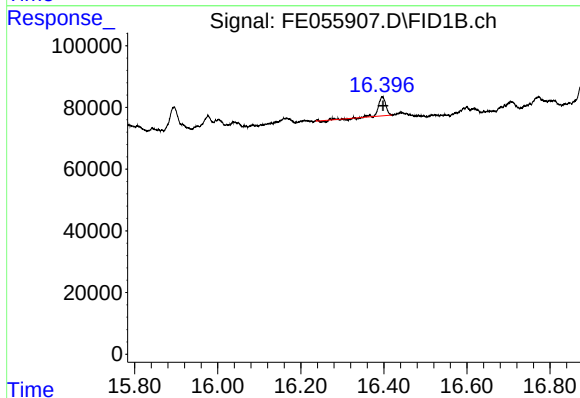
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.002 min
Response: 233946
Conc: 1.63 ug/ml



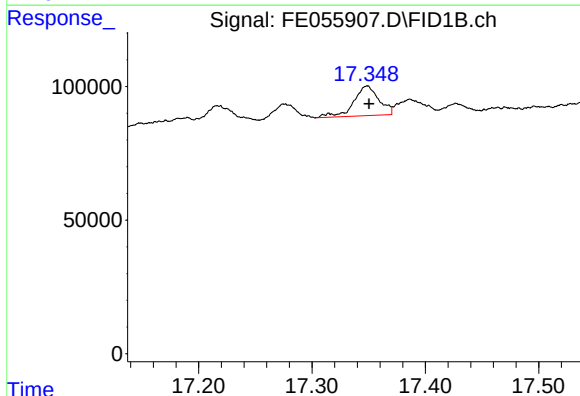
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.003 min
Response: 207749
Conc: 1.44 ug/ml



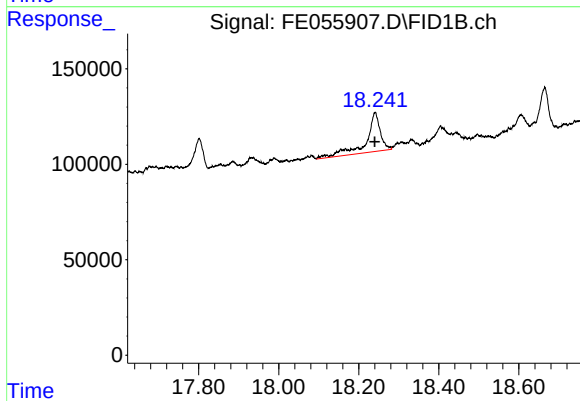
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 68827
Conc: 0.48 ug/ml



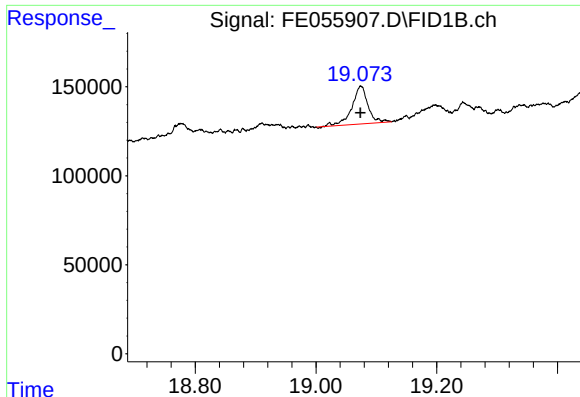
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.002 min
Response: 171226
Conc: 1.20 ug/ml



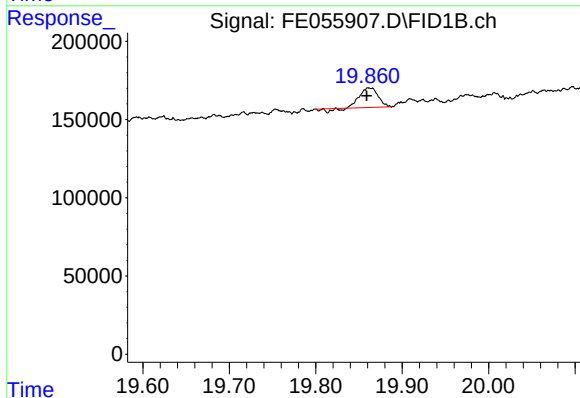
#17 n-Tricontane (C30)

R.T.: 18.241 min
Delta R.T.: 0.001 min
Response: 503585
Conc: 3.41 ug/ml



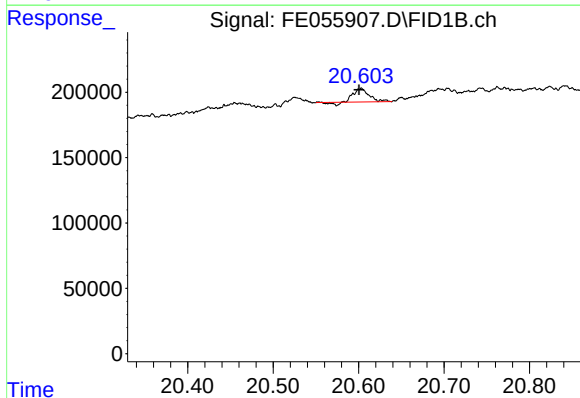
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 391038
Conc: 2.66 ug/ml



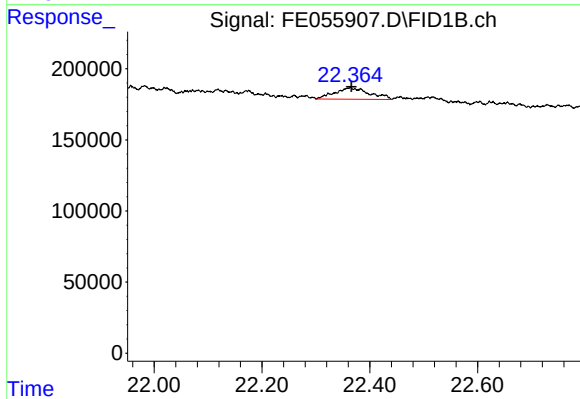
#19 n-Tetatriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.003 min
Response: 173272
Conc: 1.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.002 min
Response: 126009
Conc: 0.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.003 min
Response: 356040
Conc: 2.78 ug/ml