

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055170.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 10:23
 Operator : YP\AJ
 Sample : Q2774-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 256-E2DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:03:08 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)	12.084	1036609	7.259 ug/ml
Spiked Amount 50.000		Recovery =	14.52%
12) S 1-chlorooctadecane (S...	13.521	1283509	11.937 ug/ml
Spiked Amount 50.000		Recovery =	23.87%
Target Compounds			
7) T n-Hexadecane (C16)	10.328	35799	0.280 ug/ml
8) T n-Octadecane (C18)	11.745	87762	0.673 ug/ml
10) T n-Eicosane (C20)	13.066	58874	0.469 ug/ml
11) T n-Heneicosane (C21)	13.714	187975	1.525 ug/ml
13) T n-Docosane (C22)	14.317	255699	2.094 ug/ml
14) T n-Tetracosane (C24)	15.375	1757568	14.450 ug/ml
15) T n-Hexacosane (C26)	16.408	51620	0.431 ug/ml
16) T n-Octacosane (C28)	17.380	477264	4.023 ug/ml
17) T n-Tricontane (C30)	18.246	288313	2.343 ug/ml
18) T n-Dotriacontane (C32)	19.081	138033	1.131 ug/ml
19) T n-Tetratriacontane (C34)	19.866	101239	0.866 ug/ml
20) T n-Hexatriacontane (C36)	20.604	117293	1.073 ug/ml
21) T n-Octatriacontane (C38)	21.384	99781	0.923 ug/ml

(f)=RT Delta > 1/2 Window

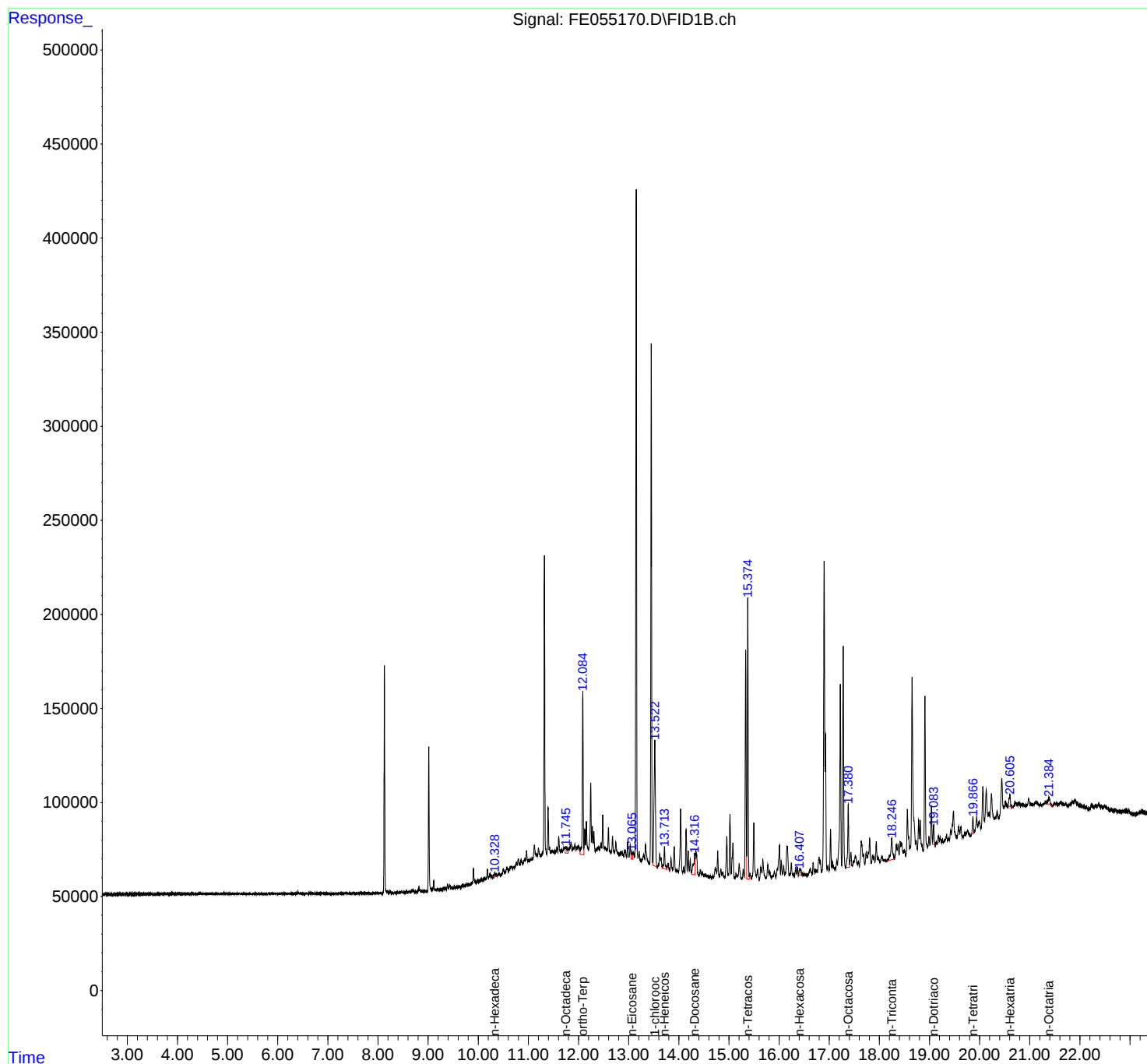
(m)=manual int.

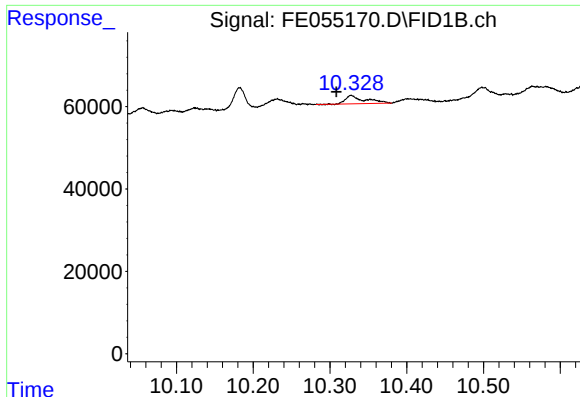
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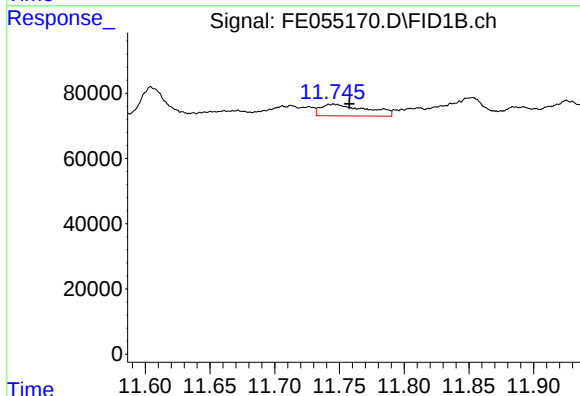




#7 n-Hexadecane (C16)

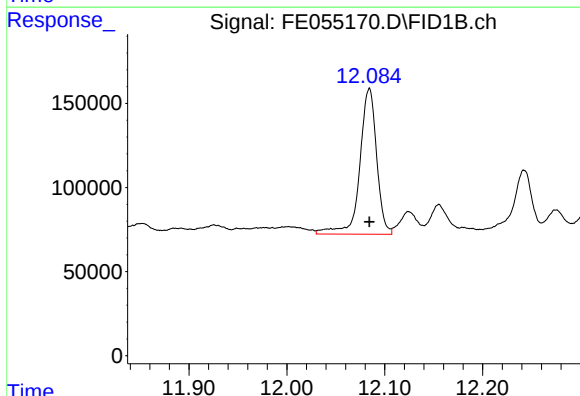
R.T.: 10.328 min
Delta R.T.: 0.019 min
Response: 35799
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
256-E2DL



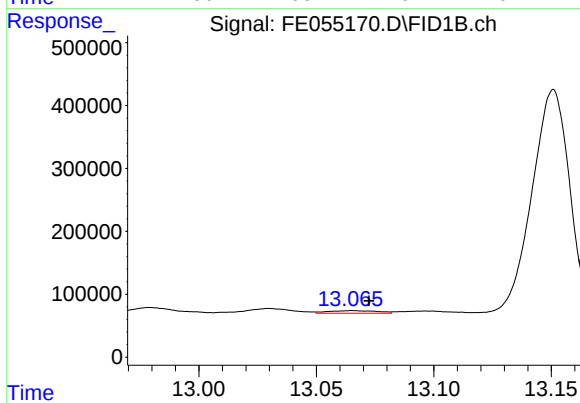
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.012 min
Response: 87762
Conc: 0.67 ug/ml



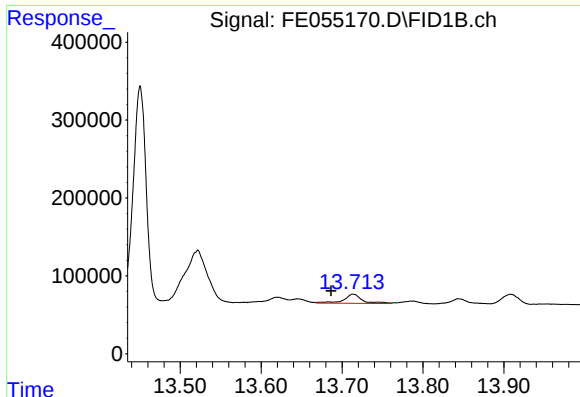
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 1036609
Conc: 7.26 ug/ml



#10 n-Eicosane (C20)

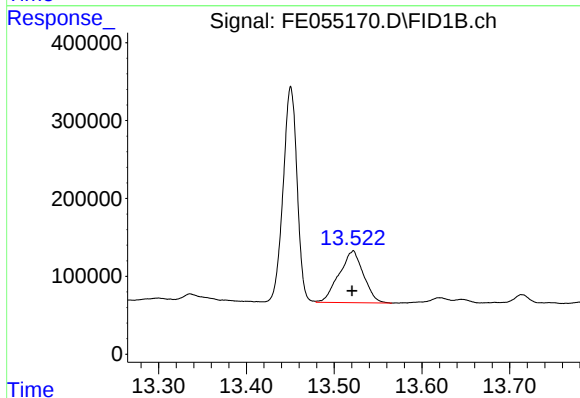
R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 58874
Conc: 0.47 ug/ml



#11 n-Heneicosane (C21)

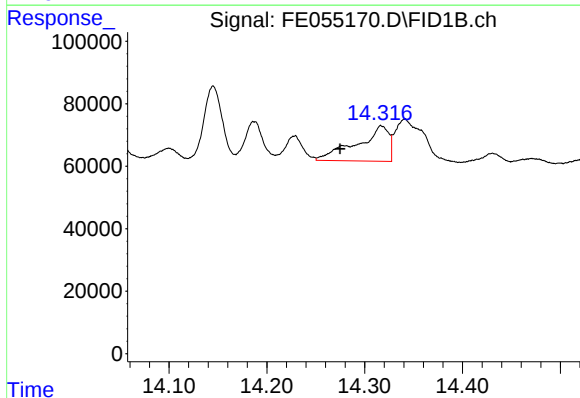
R.T.: 13.714 min
Delta R.T.: 0.028 min
Response: 187975
Conc: 1.52 ug/ml

Instrument :
FID_E
ClientSampleId :
256-E2DL



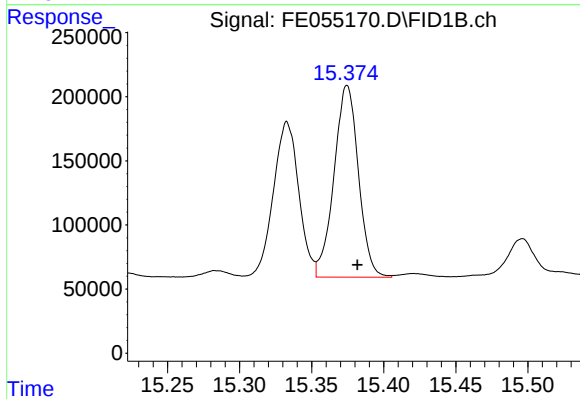
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1283509
Conc: 11.94 ug/ml



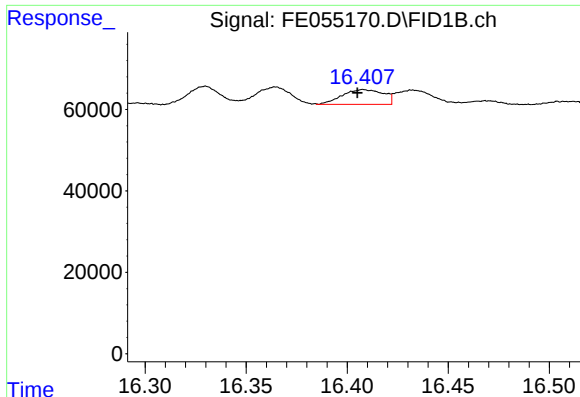
#13 n-Docosane (C22)

R.T.: 14.317 min
Delta R.T.: 0.043 min
Response: 255699
Conc: 2.09 ug/ml



#14 n-Tetracosane (C24)

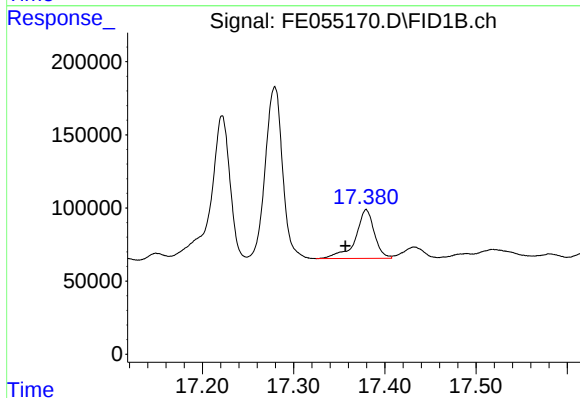
R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 1757568
Conc: 14.45 ug/ml



#15 n-Hexacosane (C26)

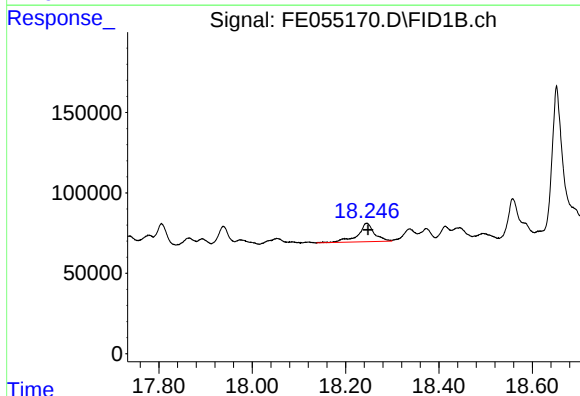
R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 51620
Conc: 0.43 ug/ml

Instrument :
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256-E2DL



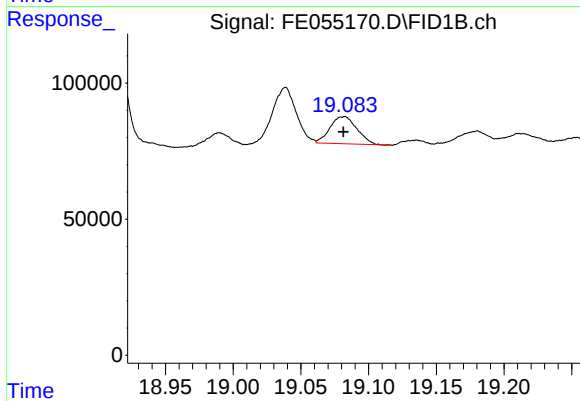
#16 n-Octacosane (C28)

R.T.: 17.380 min
Delta R.T.: 0.023 min
Response: 477264
Conc: 4.02 ug/ml



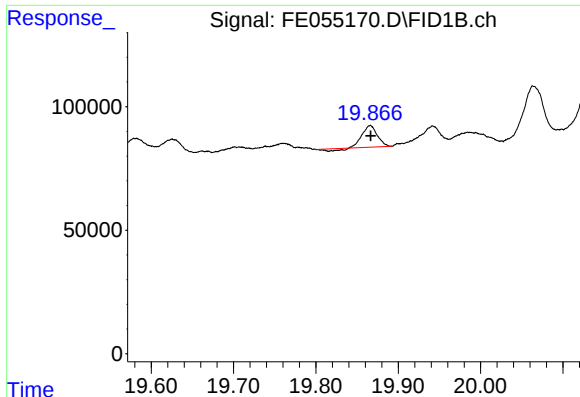
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 288313
Conc: 2.34 ug/ml



#18 n-Dotriacontane (C32)

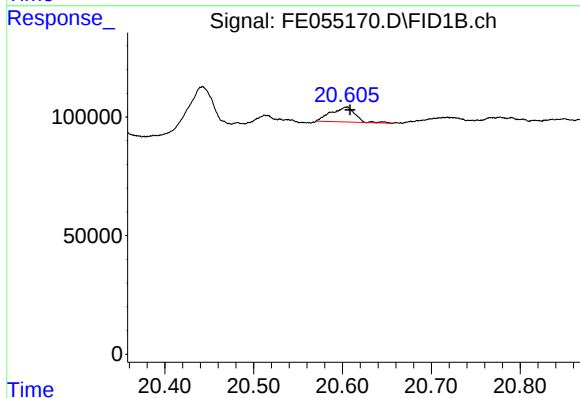
R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 138033
Conc: 1.13 ug/ml



#19 n-Tetratriacontane (C34)

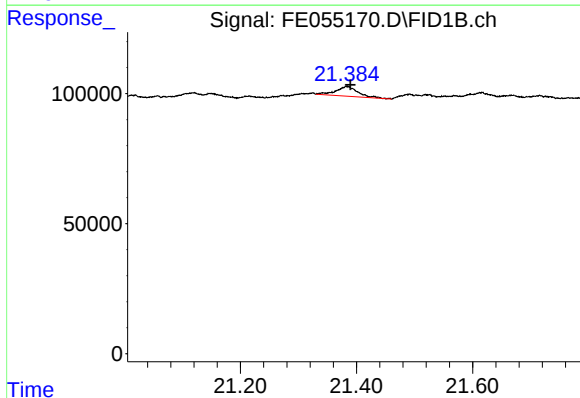
R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 101239
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :
256-E2DL



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 117293
Conc: 1.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 99781
Conc: 0.92 ug/ml