

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055175.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 12:55
 Operator : YP\AJ
 Sample : Q2774-09DL2 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 248DL2

Integration File: autoint1.e
 Quant Time: Aug 08 01:05:08 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	1306046	9.146 ug/ml
Spiked Amount 50.000		Recovery =	18.29%
12) S 1-chlorooctadecane (S...	13.521	796428	7.407 ug/ml
Spiked Amount 50.000		Recovery =	14.81%
Target Compounds			
6) T n-Tetradecane (C14)	8.683	28769	0.235 ug/ml
7) T n-Hexadecane (C16)	10.324	34466	0.270 ug/ml
8) T n-Octadecane (C18)	11.743	122167	0.936 ug/ml
10) T n-Eicosane (C20)	13.068	122125	0.973 ug/ml
11) T n-Heneicosane (C21)	13.685	60913	0.494 ug/ml
13) T n-Docosane (C22)	14.340f	218095	1.786 ug/ml
14) T n-Tetracosane (C24)	15.374	72711	0.598 ug/ml
16) T n-Octacosane (C28)	17.355	74133	0.625 ug/ml
17) T n-Tricontane (C30)	18.245	129140	1.050 ug/ml
18) T n-Dotriacontane (C32)	19.079	162459	1.332 ug/ml
19) T n-Tetratriacontane (C34)	19.864	94129	0.805 ug/ml
20) T n-Hexatriacontane (C36)	20.604	35099	0.321 ug/ml

(f)=RT Delta > 1/2 Window

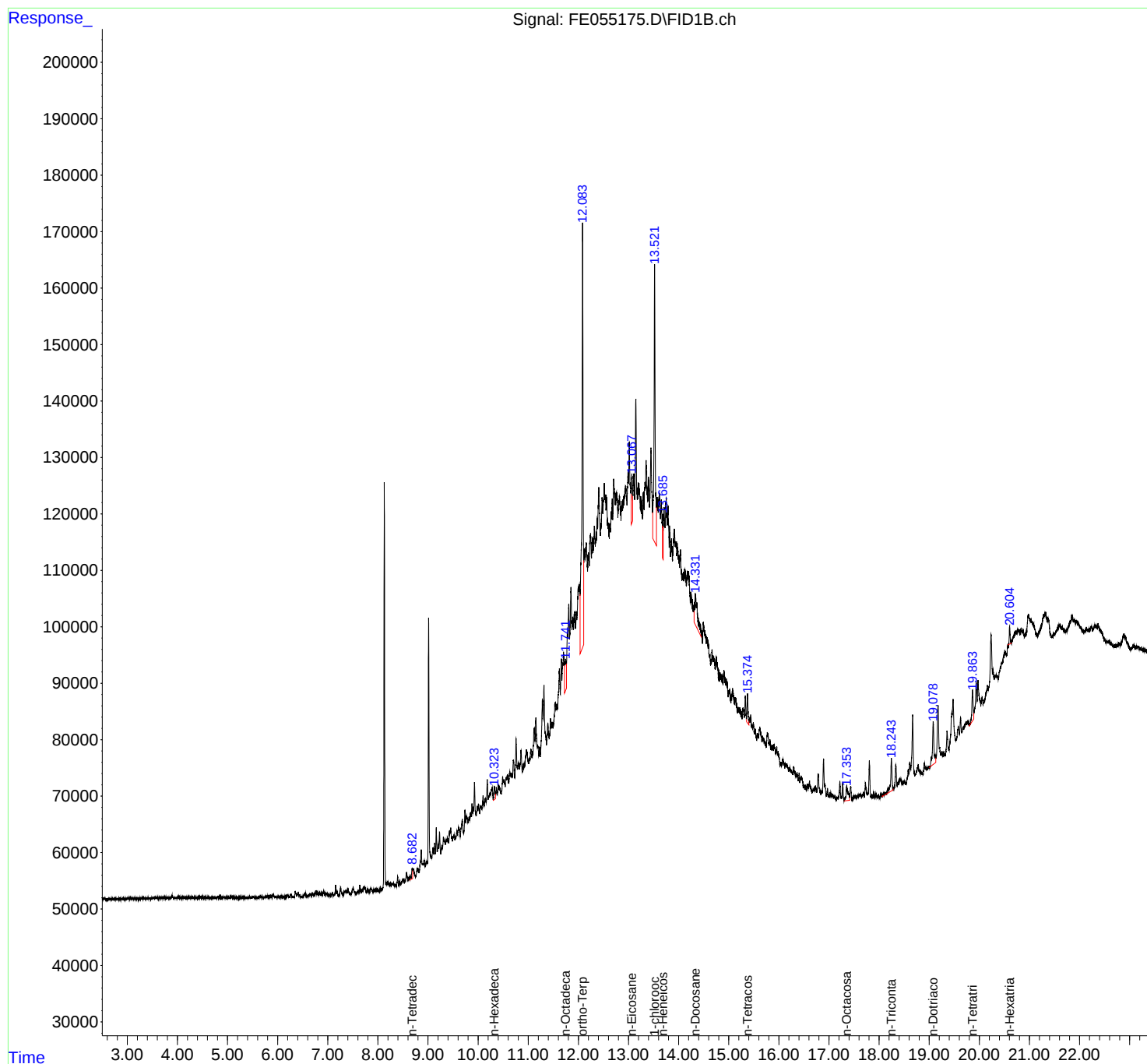
(m)=manual int.

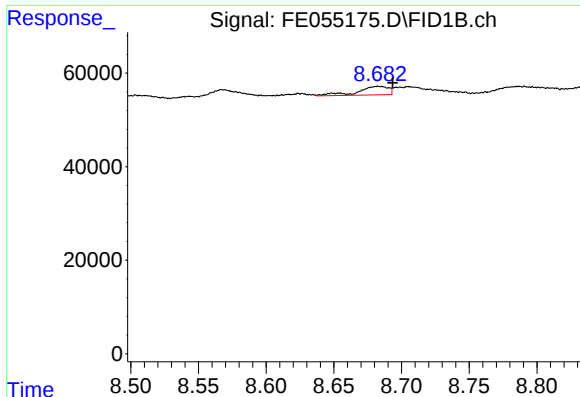
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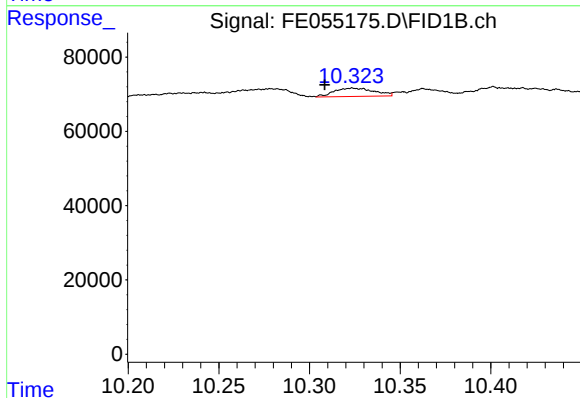




#6 n-Tetradecane (C14)

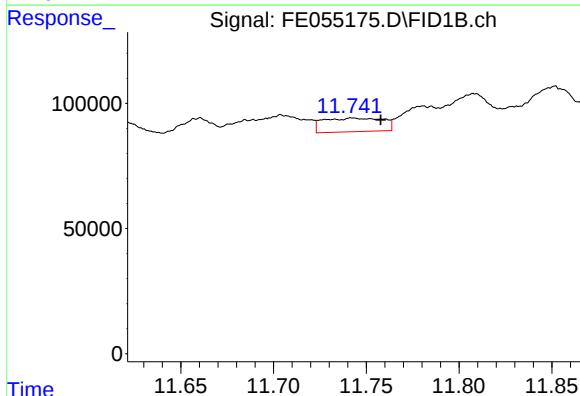
R.T.: 8.683 min
Delta R.T.: -0.011 min
Response: 28769
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL2



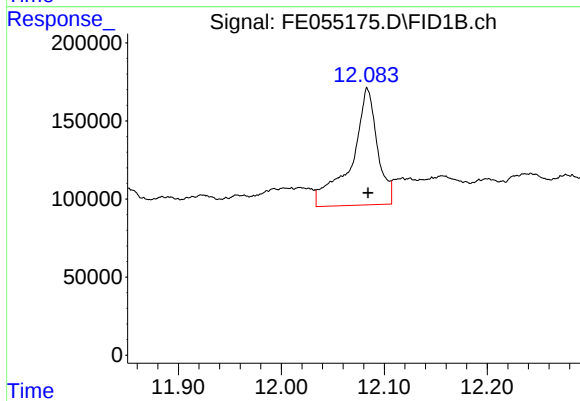
#7 n-Hexadecane (C16)

R.T.: 10.324 min
Delta R.T.: 0.016 min
Response: 34466
Conc: 0.27 ug/ml



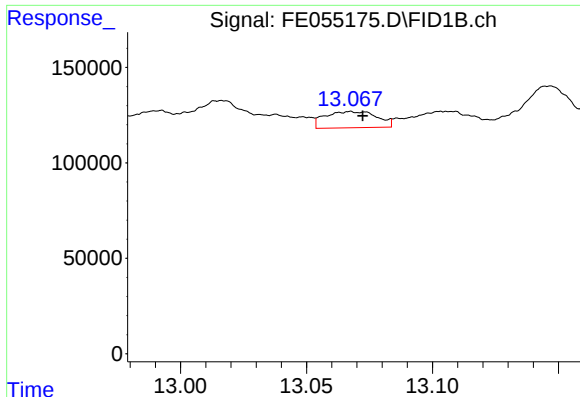
#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: -0.014 min
Response: 122167
Conc: 0.94 ug/ml



#9 ortho-Terphenyl (SURR)

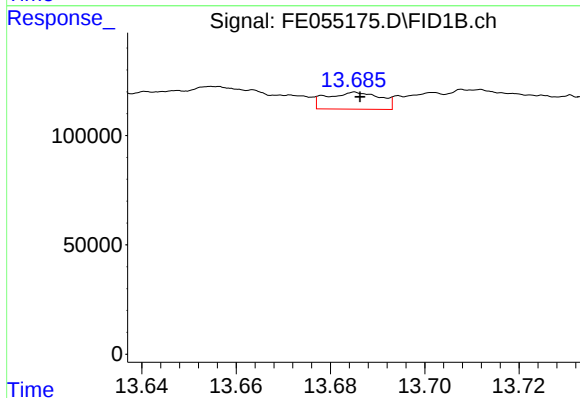
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 1306046
Conc: 9.15 ug/ml



#10 n-Eicosane (C20)

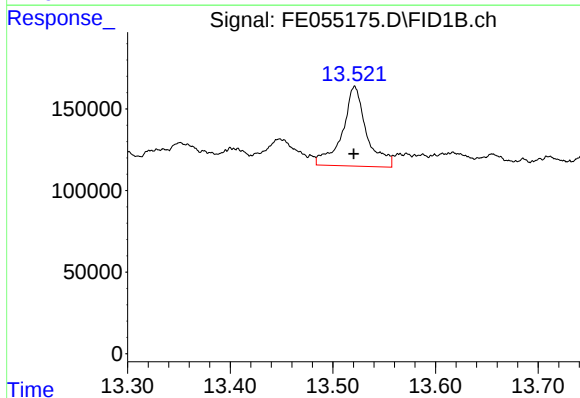
R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 122125
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL2



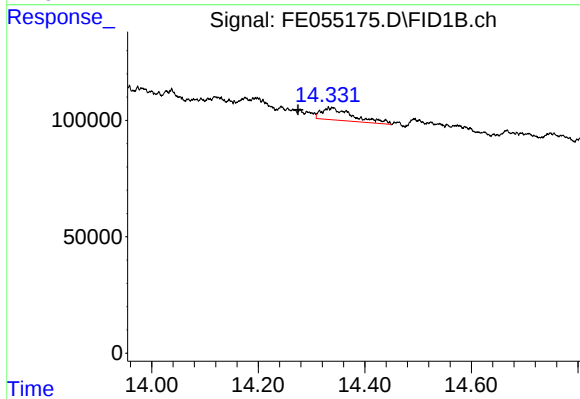
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 60913
Conc: 0.49 ug/ml



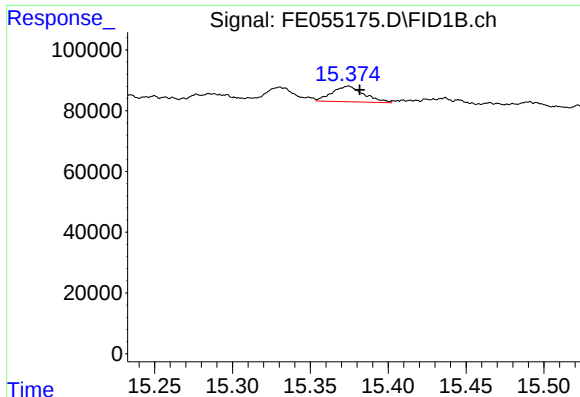
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 796428
Conc: 7.41 ug/ml



#13 n-Docosane (C22)

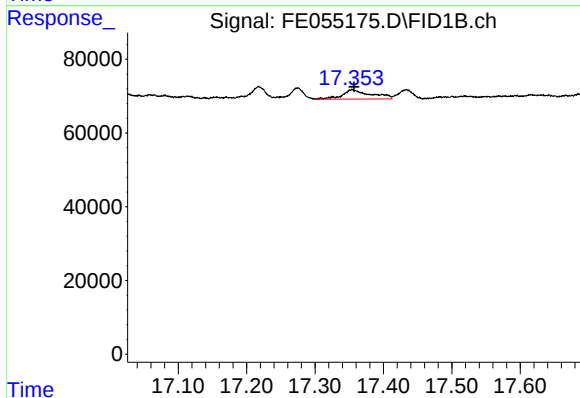
R.T.: 14.340 min
Delta R.T.: 0.065 min
Response: 218095
Conc: 1.79 ug/ml



#14 n-Tetracosane (C24)

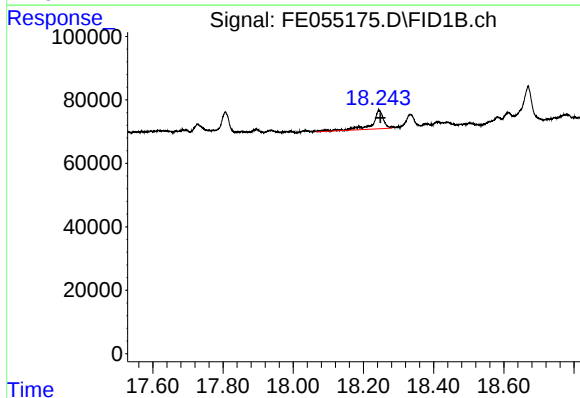
R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 72711
Conc: 0.60 ug/ml

Instrument :
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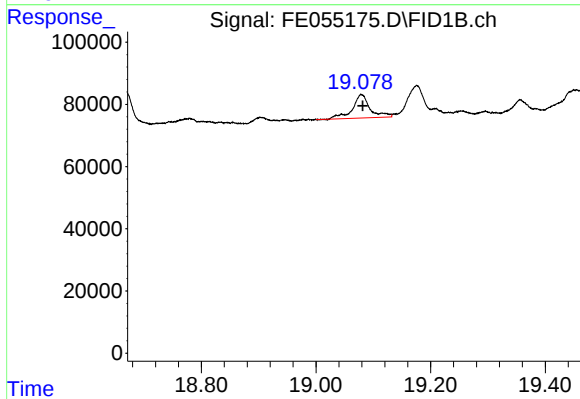
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 74133
Conc: 0.62 ug/ml



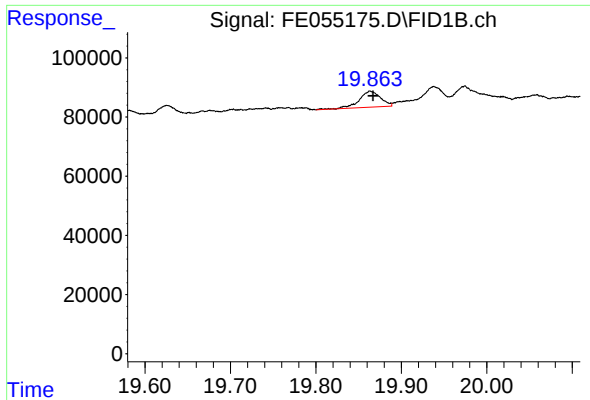
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 129140
Conc: 1.05 ug/ml



#18 n-Dotriacontane (C32)

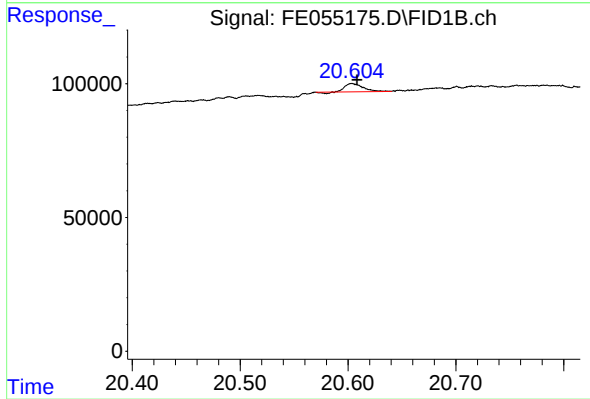
R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 162459
Conc: 1.33 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 94129
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL2



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 35099
Conc: 0.32 ug/ml