

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055171.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 10:53
 Operator : YP\AJ
 Sample : Q2774-05DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R5DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:03:31 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)	12.085	2759934	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.521	2127220	19.784 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
7) T n-Hexadecane (C16)	10.326	22714	0.178 ug/ml
8) T n-Octadecane (C18)	11.728	129331	0.991 ug/ml
10) T n-Eicosane (C20)	13.067	53331	0.425 ug/ml
11) T n-Heneicosane (C21)	13.675	53345	0.433 ug/ml
13) T n-Docosane (C22)	14.340f	902696	7.392 ug/ml
14) T n-Tetracosane (C24)	15.372	803147	6.603 ug/ml
15) T n-Hexacosane (C26)	16.405	71190	0.595 ug/ml
16) T n-Octacosane (C28)	17.378	266755	2.249 ug/ml
17) T n-Tricontane (C30)	18.245	217547	1.768 ug/ml
18) T n-Dotriacontane (C32)	19.080	213019	1.746 ug/ml
19) T n-Tetratriacontane (C34)	19.865	63469	0.543 ug/ml
20) T n-Hexatriacontane (C36)	20.604	52975	0.485 ug/ml
21) T n-Octatriacontane (C38)	21.384	66023	0.611 ug/ml

(f)=RT Delta > 1/2 Window

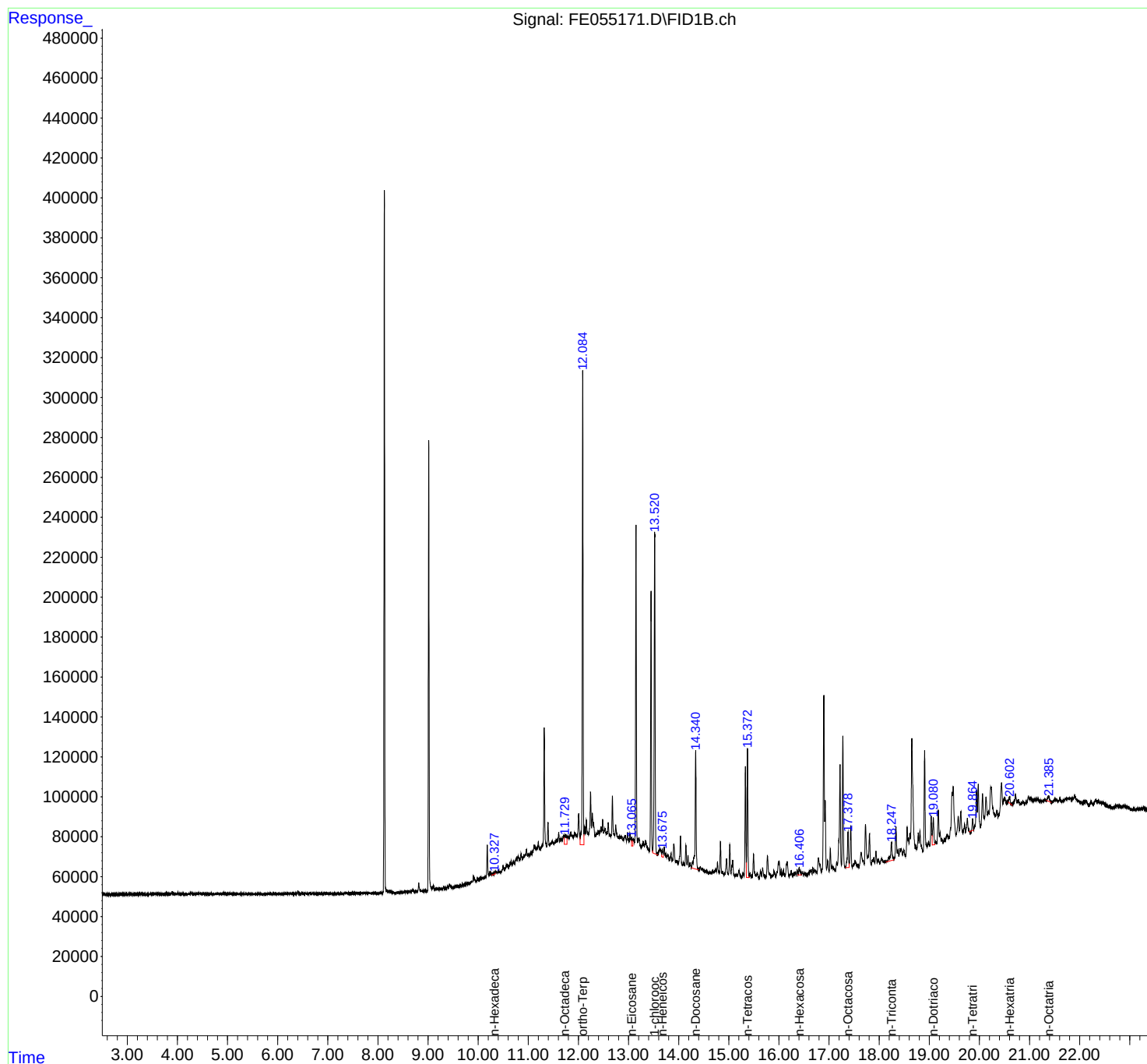
(m)=manual int.

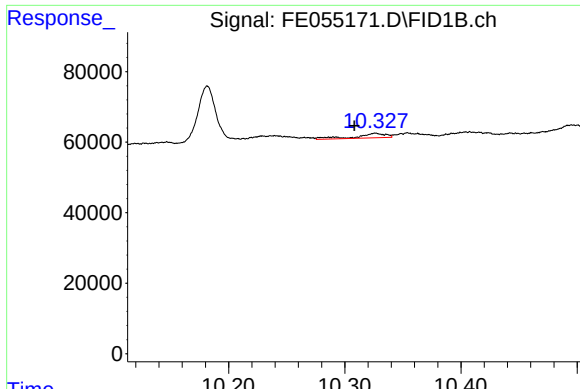
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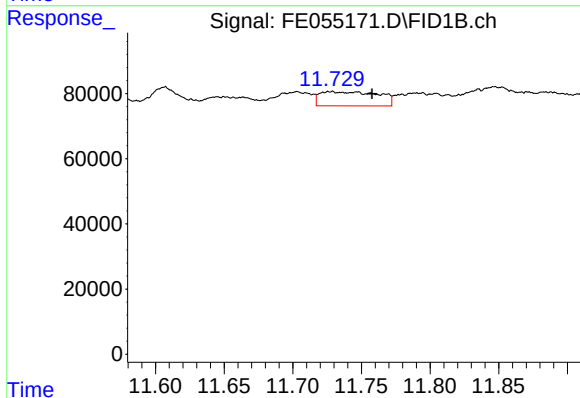




#7 n-Hexadecane (C16)

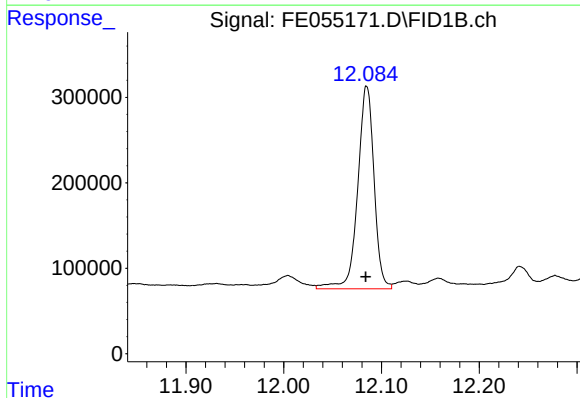
R.T.: 10.326 min
Delta R.T.: 0.018 min
Response: 22714
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :
R5DL



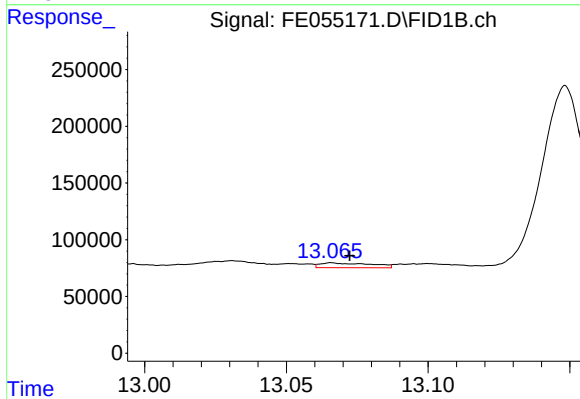
#8 n-Octadecane (C18)

R.T.: 11.728 min
Delta R.T.: -0.030 min
Response: 129331
Conc: 0.99 ug/ml



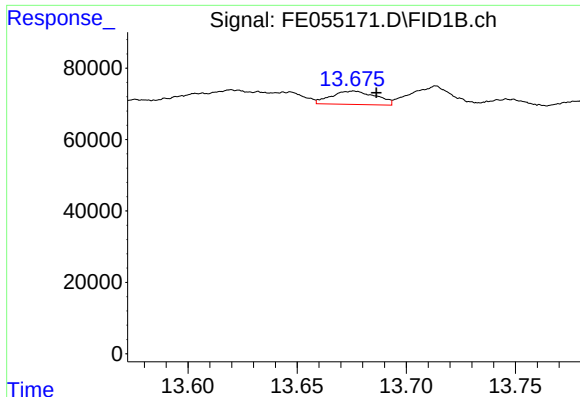
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2759934
Conc: 19.33 ug/ml



#10 n-Eicosane (C20)

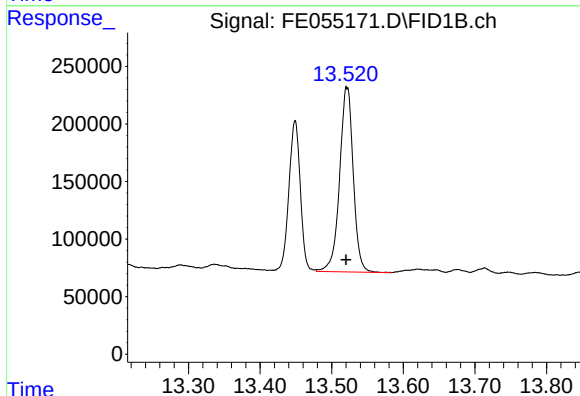
R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 53331
Conc: 0.43 ug/ml



#11 n-Heneicosane (C21)

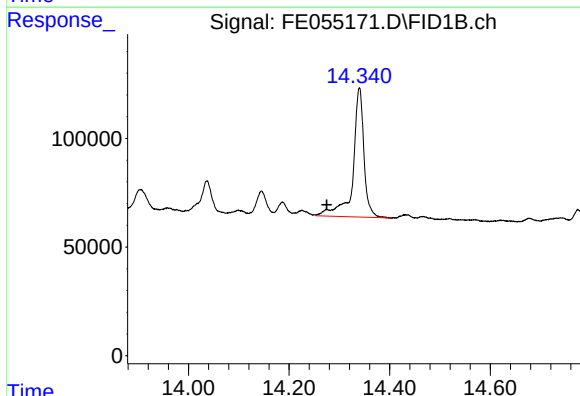
R.T.: 13.675 min
Delta R.T.: -0.011 min
Response: 53345
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :
R5DL



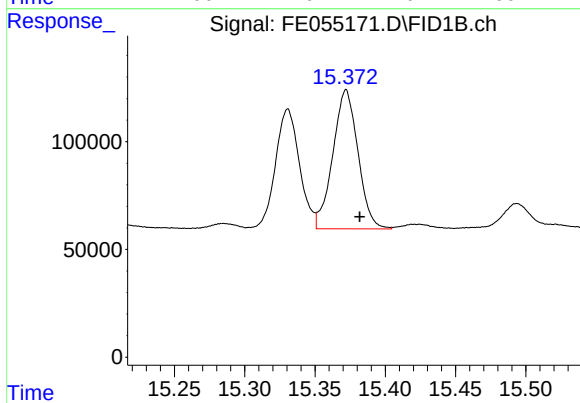
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2127220
Conc: 19.78 ug/ml



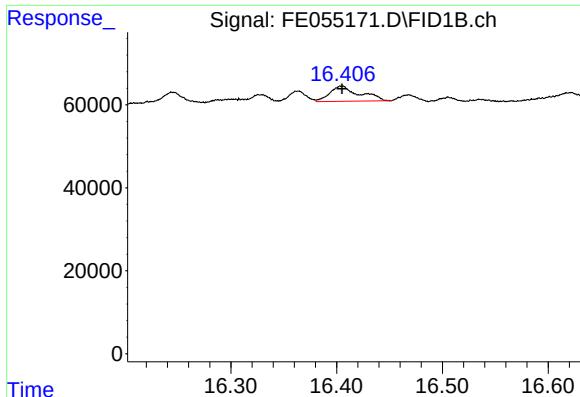
#13 n-Docosane (C22)

R.T.: 14.340 min
Delta R.T.: 0.065 min
Response: 902696
Conc: 7.39 ug/ml



#14 n-Tetracosane (C24)

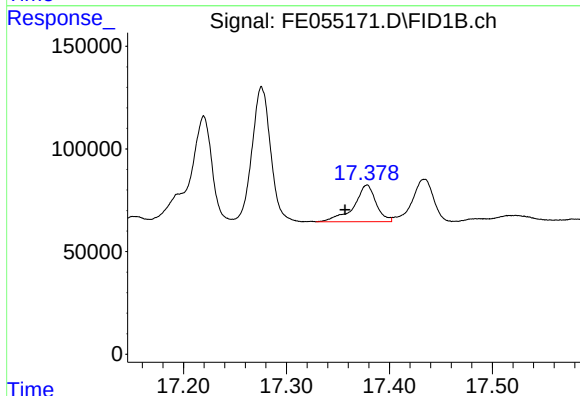
R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 803147
Conc: 6.60 ug/ml



#15 n-Hexacosane (C26)

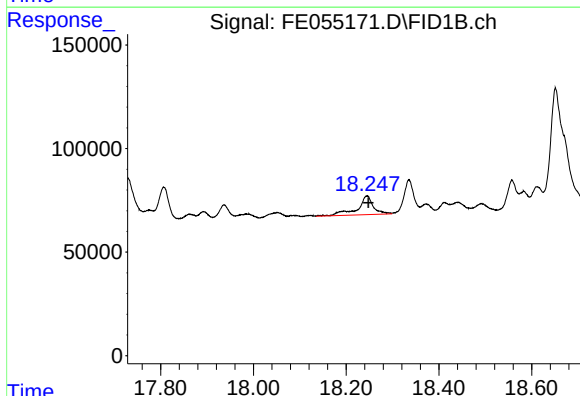
R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 71190
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :
R5DL



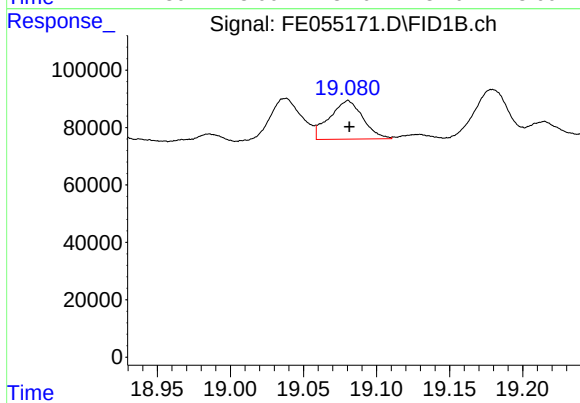
#16 n-Octacosane (C28)

R.T.: 17.378 min
Delta R.T.: 0.021 min
Response: 266755
Conc: 2.25 ug/ml



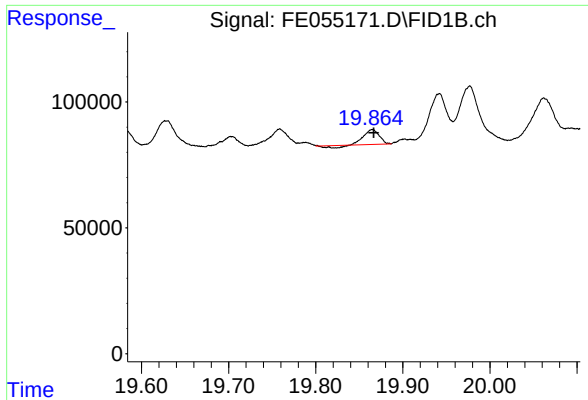
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 217547
Conc: 1.77 ug/ml



#18 n-Dotriacontane (C32)

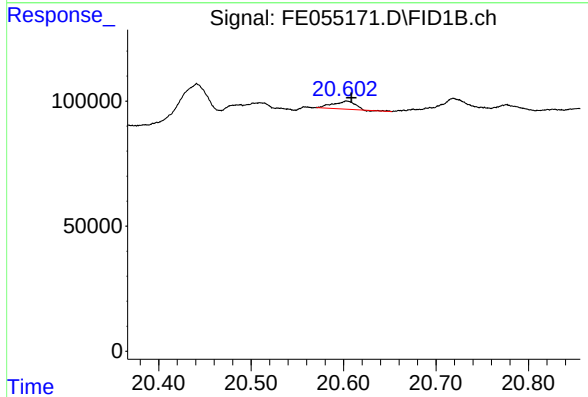
R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 213019
Conc: 1.75 ug/ml



#19 n-Tetratriacontane (C34)

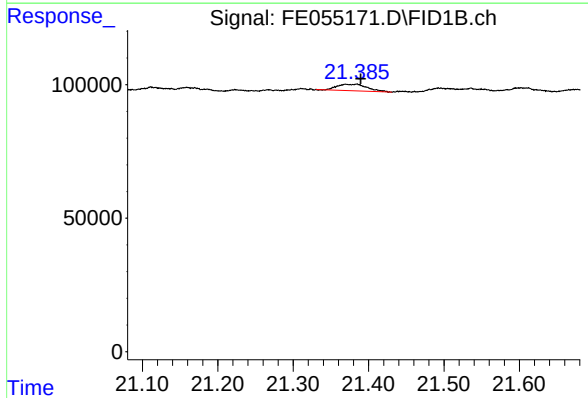
R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 63469
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
R5DL



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.005 min
Response: 52975
Conc: 0.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 66023
Conc: 0.61 ug/ml