

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052685.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 17:24
 Operator : YP\AJ
 Sample : Q1508-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 21:58:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.930	33609719	199.362 ug/ml
Spiked Amount 50.000		Recovery =	398.72%
12) S 1-chlorooctadecane (S...	13.382	23359824	192.379 ug/ml
Spiked Amount 50.000		Recovery =	384.76%
Target Compounds			
2) T n-Decane (C10)	4.510	169456	1.079 ug/ml
6) T n-Tetradecane (C14)	8.534	958257	6.333 ug/ml
7) T n-Hexadecane (C16)	10.158	6337004	41.449 ug/ml
8) T n-Octadecane (C18)	11.581	26968260	177.258 ug/ml
10) T n-Eicosane (C20)	12.935	22693540	156.319 ug/ml
11) T n-Heneicosane (C21)	13.554	23271050	163.502 ug/ml
13) T n-Docosane (C22)	14.149	26083562	183.288 ug/ml
14) T n-Tetracosane (C24)	15.222	13105792	91.579 ug/ml
15) T n-Hexacosane (C26)	16.234	7374789	51.864 ug/ml
16) T n-Octacosane (C28)	17.204	10519578	73.980 ug/ml
17) T n-Tricontane (C30)	18.085	3168385	21.451 ug/ml
18) T n-Dotriacontane (C32)	18.931	1826222	12.579 ug/ml
19) T n-Tetratriacontane (C34)	19.752	731971	5.431 ug/ml

(f)=RT Delta > 1/2 Window

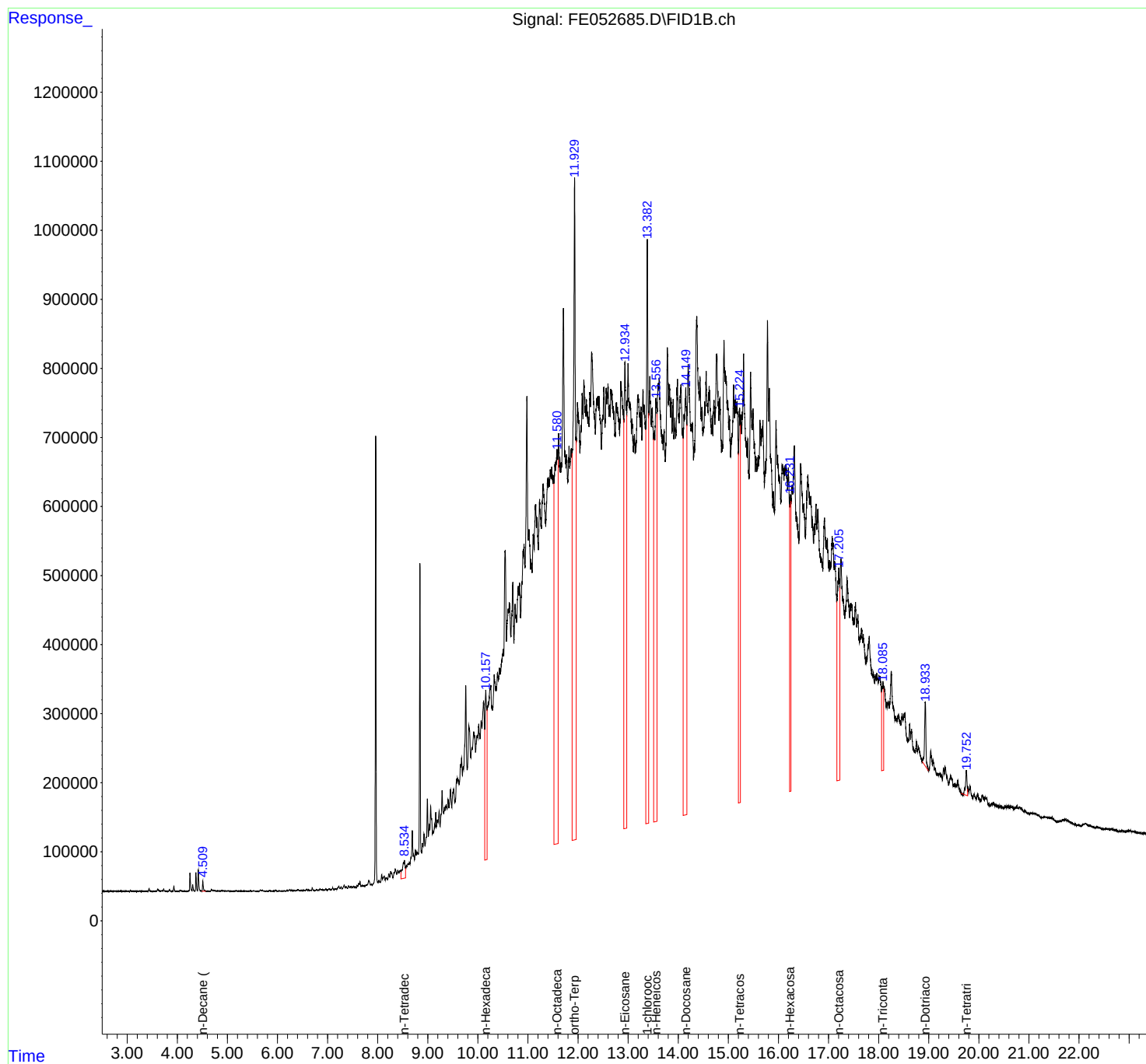
(m)=manual int.

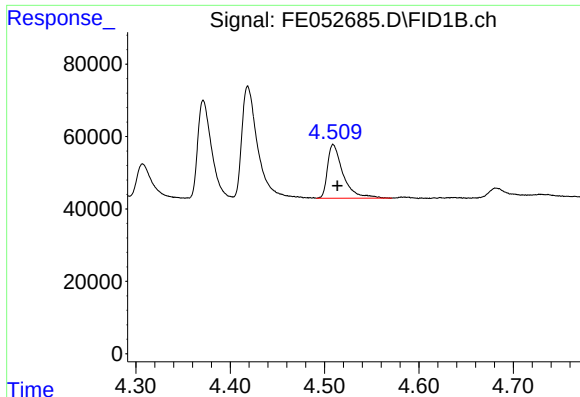
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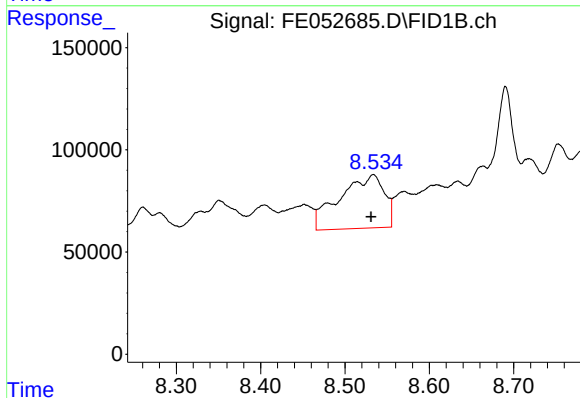




#2 n-Decane (C10)

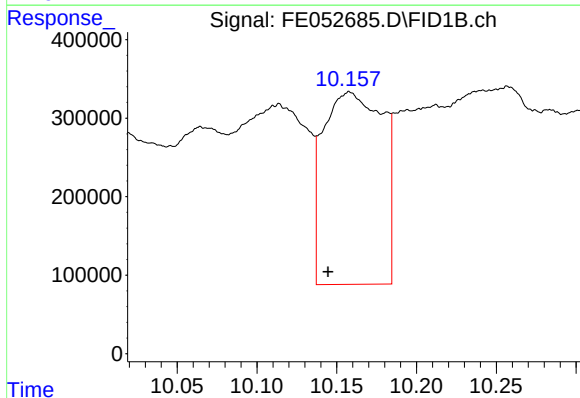
R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 169456
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :



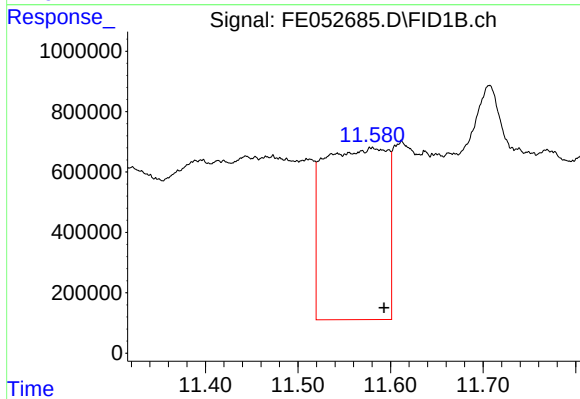
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 958257
Conc: 6.33 ug/ml



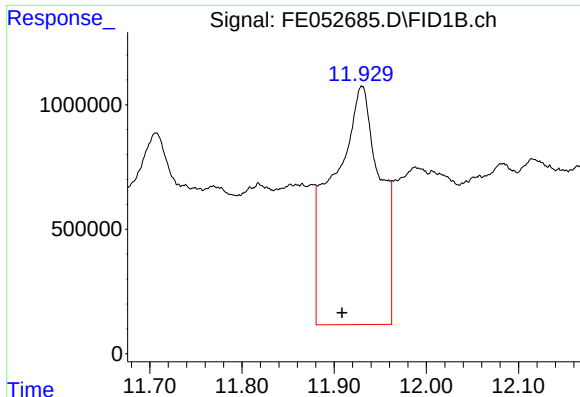
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.013 min
Response: 6337004
Conc: 41.45 ug/ml



#8 n-Octadecane (C18)

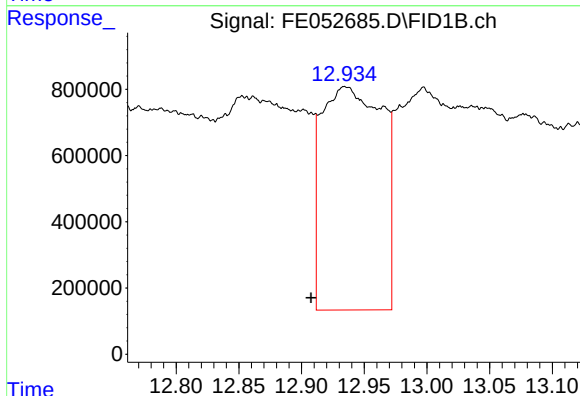
R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 26968260
Conc: 177.26 ug/ml



#9 ortho-Terphenyl (SURR)

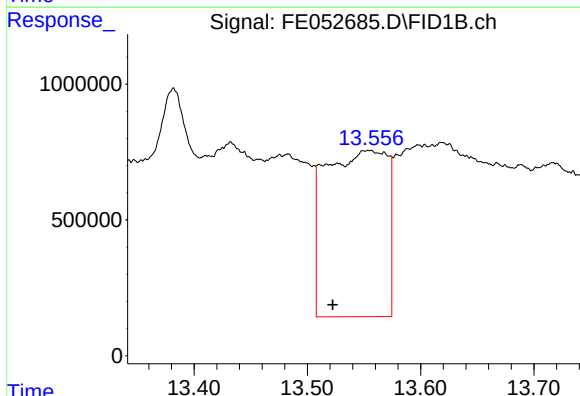
R.T.: 11.930 min
Delta R.T.: 0.021 min
Response: 33609719
Conc: 199.36 ug/ml

Instrument :
FID_E
ClientSampleId :



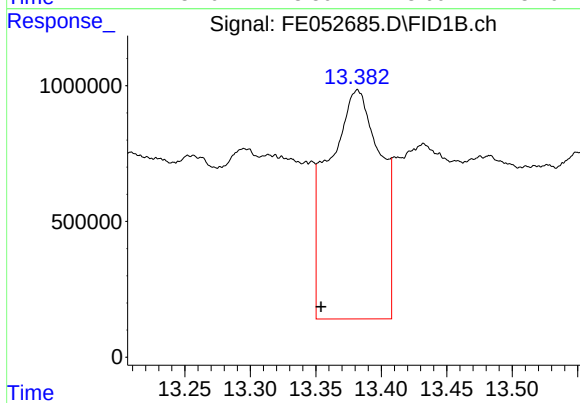
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.028 min
Response: 22693540
Conc: 156.32 ug/ml



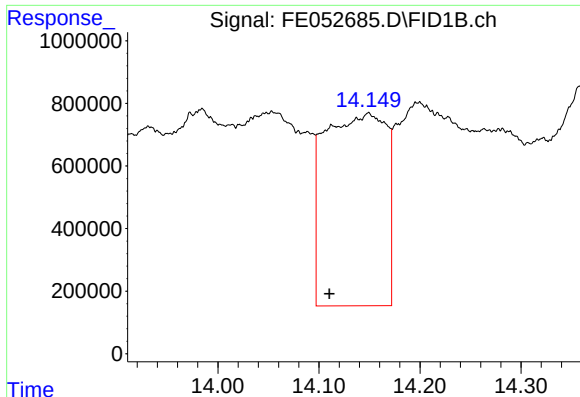
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.031 min
Response: 23271050
Conc: 163.50 ug/ml



#12 1-chlorooctadecane (SURR)

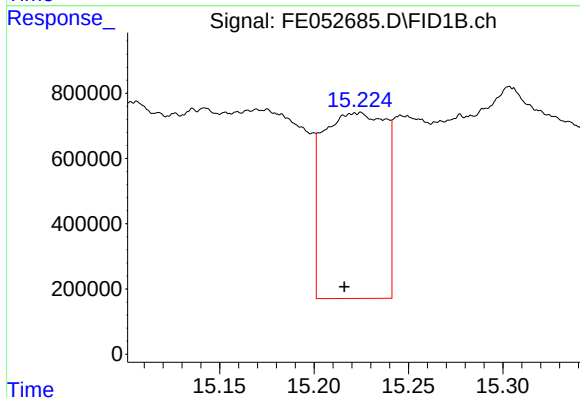
R.T.: 13.382 min
Delta R.T.: 0.027 min
Response: 23359824
Conc: 192.38 ug/ml



#13 n-Docosane (C22)

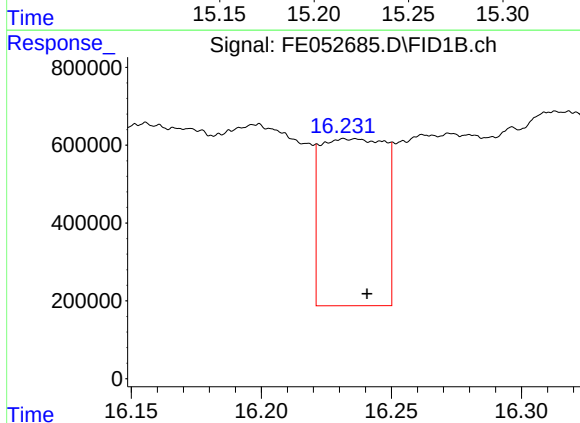
R.T.: 14.149 min
Delta R.T.: 0.039 min
Response: 26083562
Conc: 183.29 ug/ml

Instrument :
FID_E
ClientSampleId :



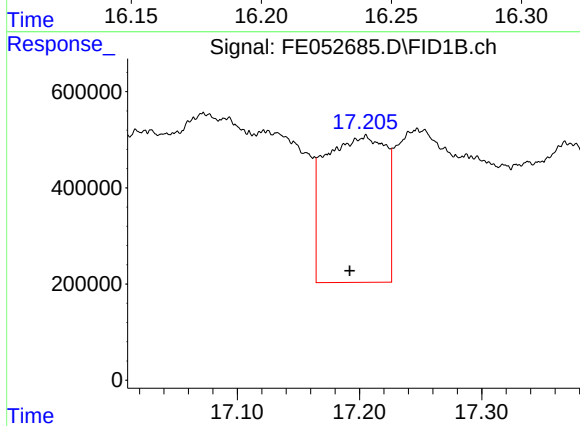
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 13105792
Conc: 91.58 ug/ml



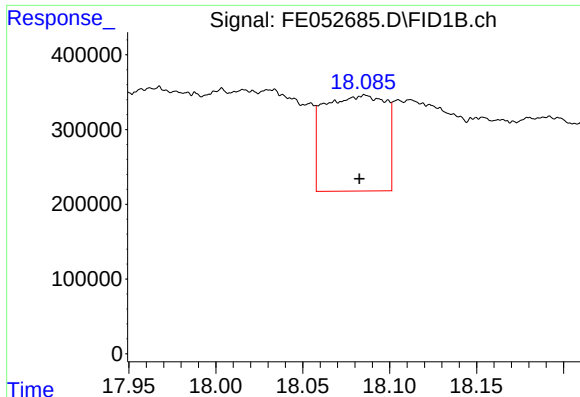
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.006 min
Response: 7374789
Conc: 51.86 ug/ml



#16 n-Octacosane (C28)

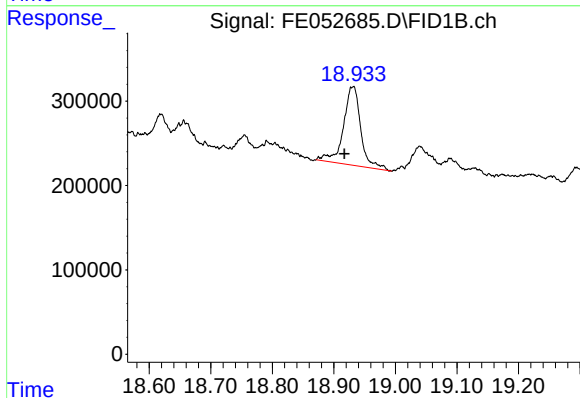
R.T.: 17.204 min
Delta R.T.: 0.012 min
Response: 10519578
Conc: 73.98 ug/ml



#17 n-Tricontane (C30)

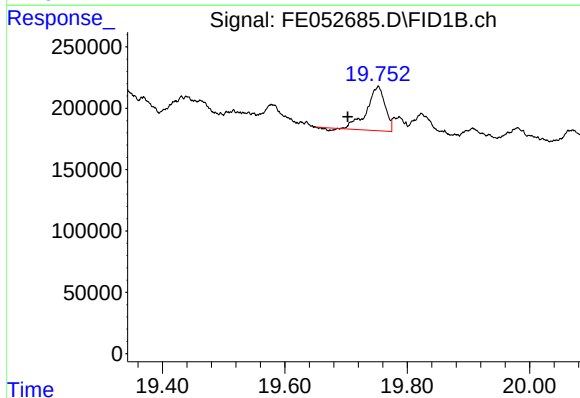
R.T.: 18.085 min
Delta R.T.: 0.003 min
Response: 3168385
Conc: 21.45 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: 0.014 min
Response: 1826222
Conc: 12.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.049 min
Response: 731971
Conc: 5.43 ug/ml