

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052469.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 16:19
 Operator : YP\AJ
 Sample : Q1411-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 00:27:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.918	5261685	28.148 ug/ml
Spiked Amount 50.000		Recovery =	56.30%
12) S 1-chlorooctadecane (S...	13.363	3998912	28.770 ug/ml
Spiked Amount 50.000		Recovery =	57.54%
Target Compounds			
4) T n-Dodecane (C12)	6.698	445722	2.824 ug/ml
5) T A~2-methylnaphthalene...	7.335	418116	2.490 ug/ml
6) T n-Tetradecane (C14)	8.536	1403995	8.913 ug/ml
7) T n-Hexadecane (C16)	10.151	1676108	10.255 ug/ml
8) T n-Octadecane (C18)	11.600	1401107	8.468 ug/ml
10) T n-Eicosane (C20)	12.915	898677	5.637 ug/ml
11) T n-Heneicosane (C21)	13.530	586552	3.744 ug/ml
13) T n-Docosane (C22)	14.118	414787	2.650 ug/ml
14) T n-Tetracosane (C24)	15.225	193448	1.230 ug/ml
16) T n-Octacosane (C28)	17.203	159871	1.045 ug/ml
17) T n-Tricontane (C30)	18.093	224360	1.437 ug/ml
18) T n-Dotriacontane (C32)	18.929	119488	0.781 ug/ml

(f)=RT Delta > 1/2 Window

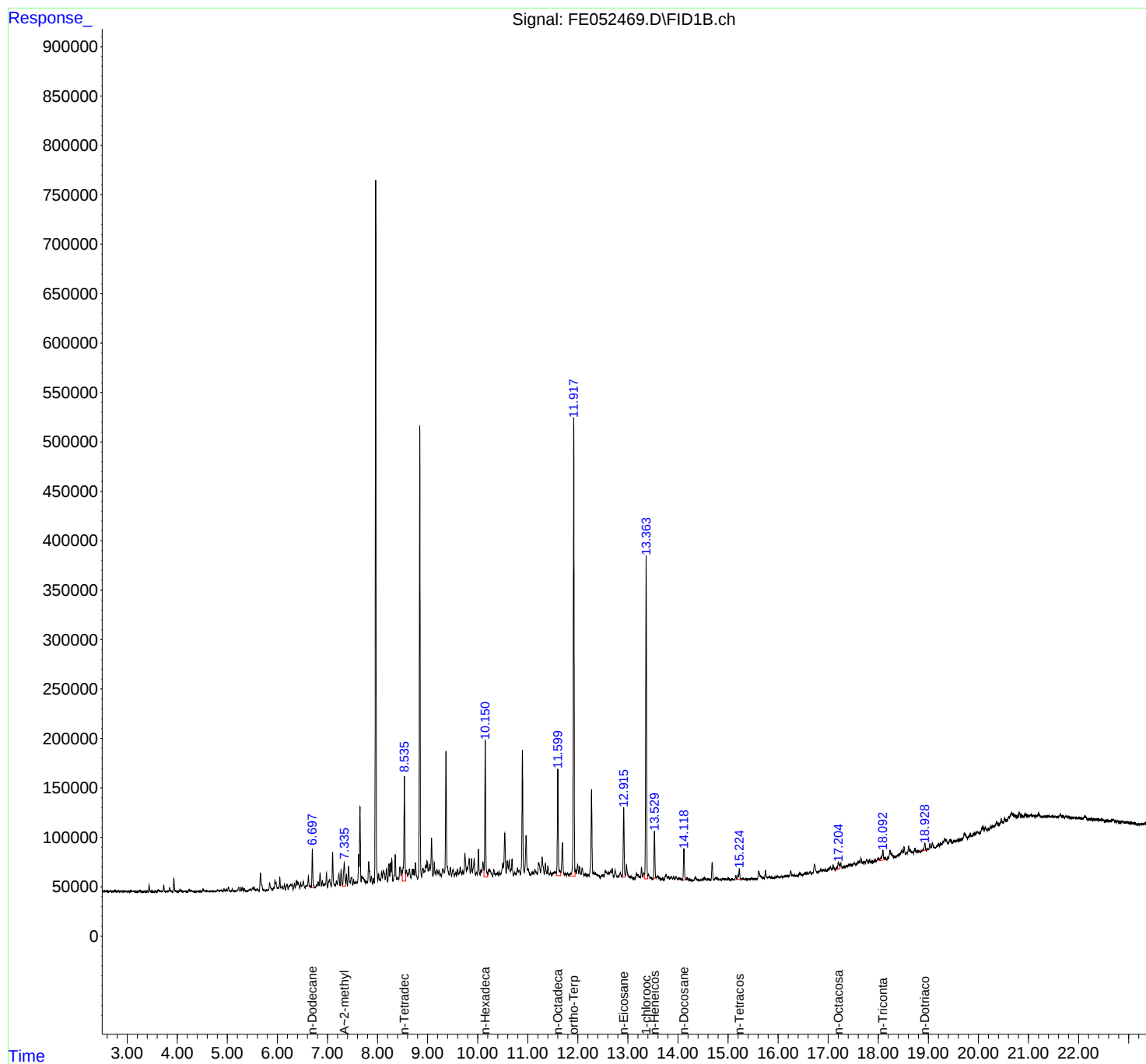
(m)=manual int.

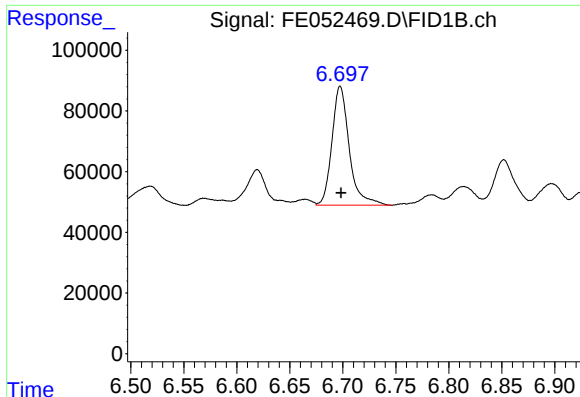
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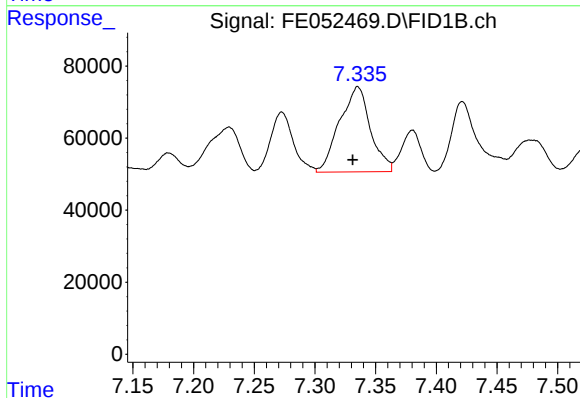




#4 n-Dodecane (C12)

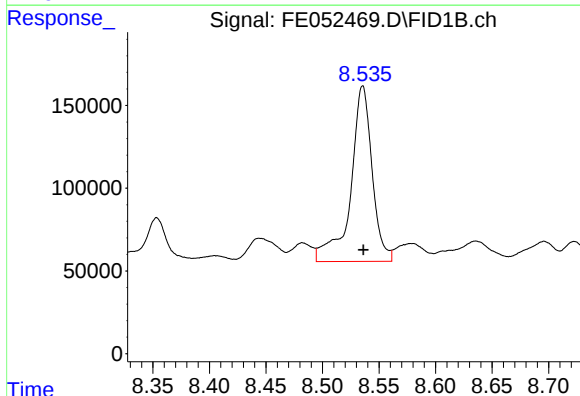
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 445722
Conc: 2.82 ug/ml

Instrument :
FID_E
ClientSampleId :



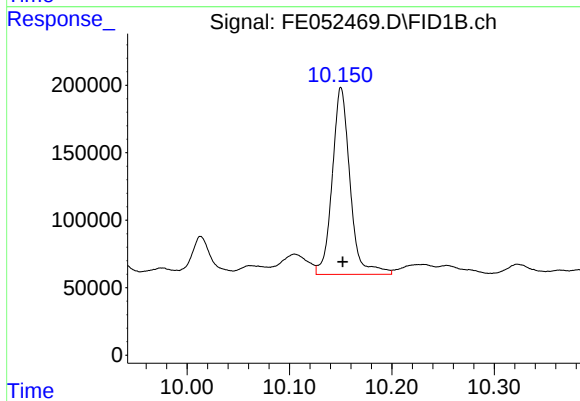
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: 0.004 min
Response: 418116
Conc: 2.49 ug/ml



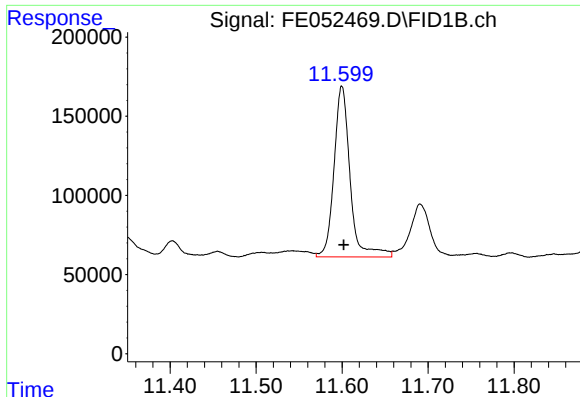
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 1403995
Conc: 8.91 ug/ml



#7 n-Hexadecane (C16)

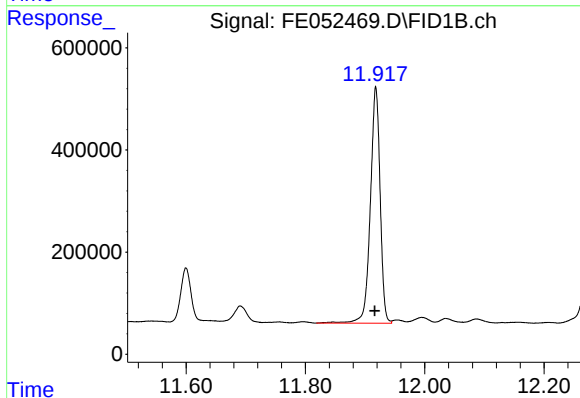
R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 1676108
Conc: 10.26 ug/ml



#8 n-Octadecane (C18)

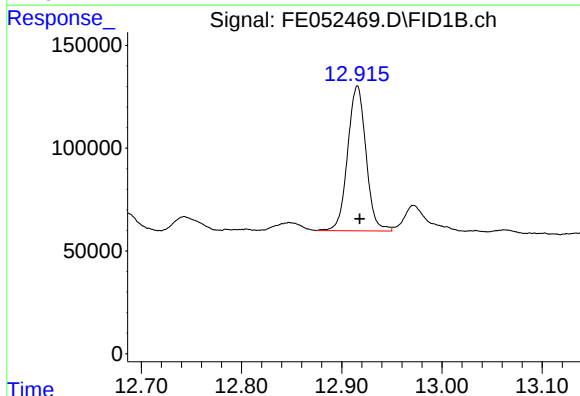
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 1401107
Conc: 8.47 ug/ml

Instrument :
FID_E
ClientSampleId :



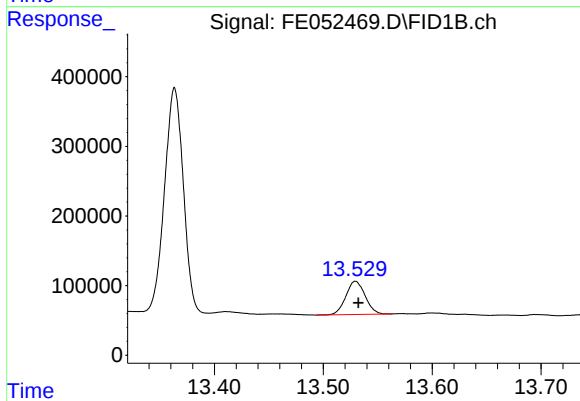
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.002 min
Response: 5261685
Conc: 28.15 ug/ml



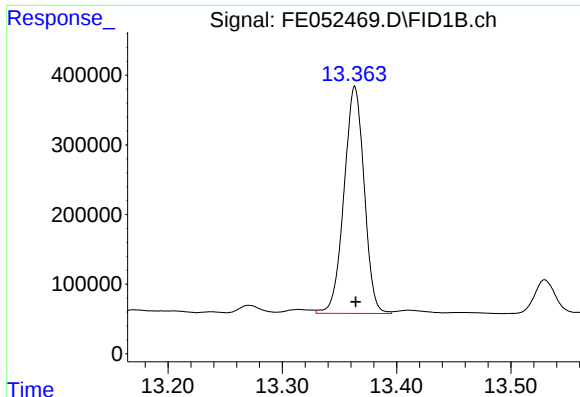
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.002 min
Response: 898677
Conc: 5.64 ug/ml



#11 n-Heneicosane (C21)

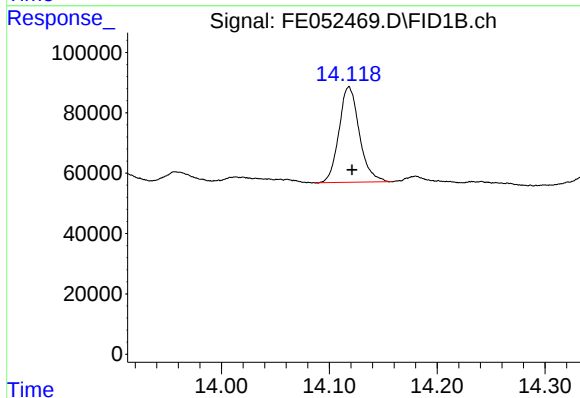
R.T.: 13.530 min
Delta R.T.: -0.003 min
Response: 586552
Conc: 3.74 ug/ml



#12 1-chlorooctadecane (SURR)

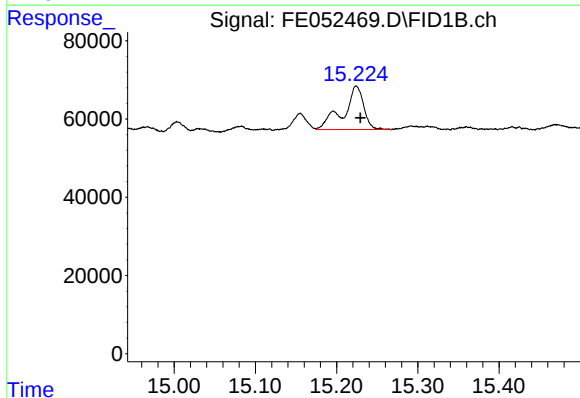
R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 3998912
Conc: 28.77 ug/ml

Instrument :
FID_E
ClientSampleId :



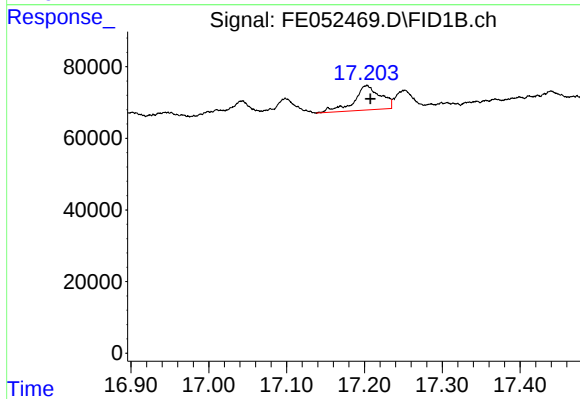
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 414787
Conc: 2.65 ug/ml



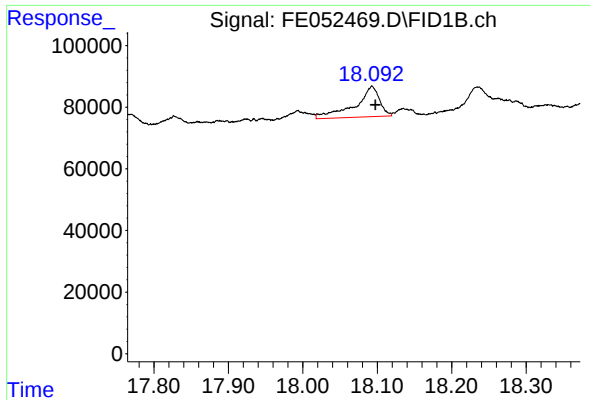
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.005 min
Response: 193448
Conc: 1.23 ug/ml



#16 n-Octacosane (C28)

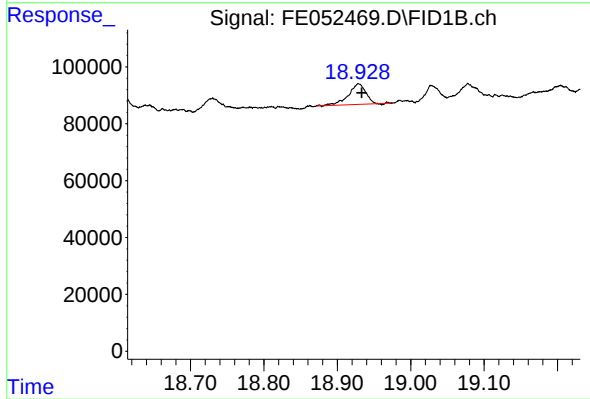
R.T.: 17.203 min
Delta R.T.: -0.005 min
Response: 159871
Conc: 1.05 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.004 min
Response: 224360
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.004 min
Response: 119488
Conc: 0.78 ug/ml