

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054903.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 14:49
 Operator : YP\AJ
 Sample : Q2622-01DL2 250X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 15:15:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.086	328019	2.020 ug/ml
Spiked Amount 50.000		Recovery =	4.04%
12) S 1-chlorooctadecane (S...	13.524	114005	0.903 ug/ml
Spiked Amount 50.000		Recovery =	1.81%
Target Compounds			
6) T n-Tetradecane (C14)	8.691	113987	0.822 ug/ml
7) T n-Hexadecane (C16)	10.326	77928	0.547 ug/ml
8) T n-Octadecane (C18)	11.760	190124	1.297 ug/ml
10) T n-Eicosane (C20)	13.079	66109	0.460 ug/ml
11) T n-Heneicosane (C21)	13.744f	167523	1.173 ug/ml
14) T n-Tetracosane (C24)	15.382	27998	0.193 ug/ml
16) T n-Octacosane (C28)	17.360	27611	0.189 ug/ml
17) T n-Tricontane (C30)	18.249	99646	0.632 ug/ml
18) T n-Dotriacontane (C32)	19.083	146637	0.906 ug/ml
19) T n-Tetratriacontane (C34)	19.867	60698	0.398 ug/ml
20) T n-Hexatriacontane (C36)	20.611	87602	0.652 ug/ml
21) T n-Octatriacontane (C38)	21.386	91377	0.779 ug/ml

(f)=RT Delta > 1/2 Window

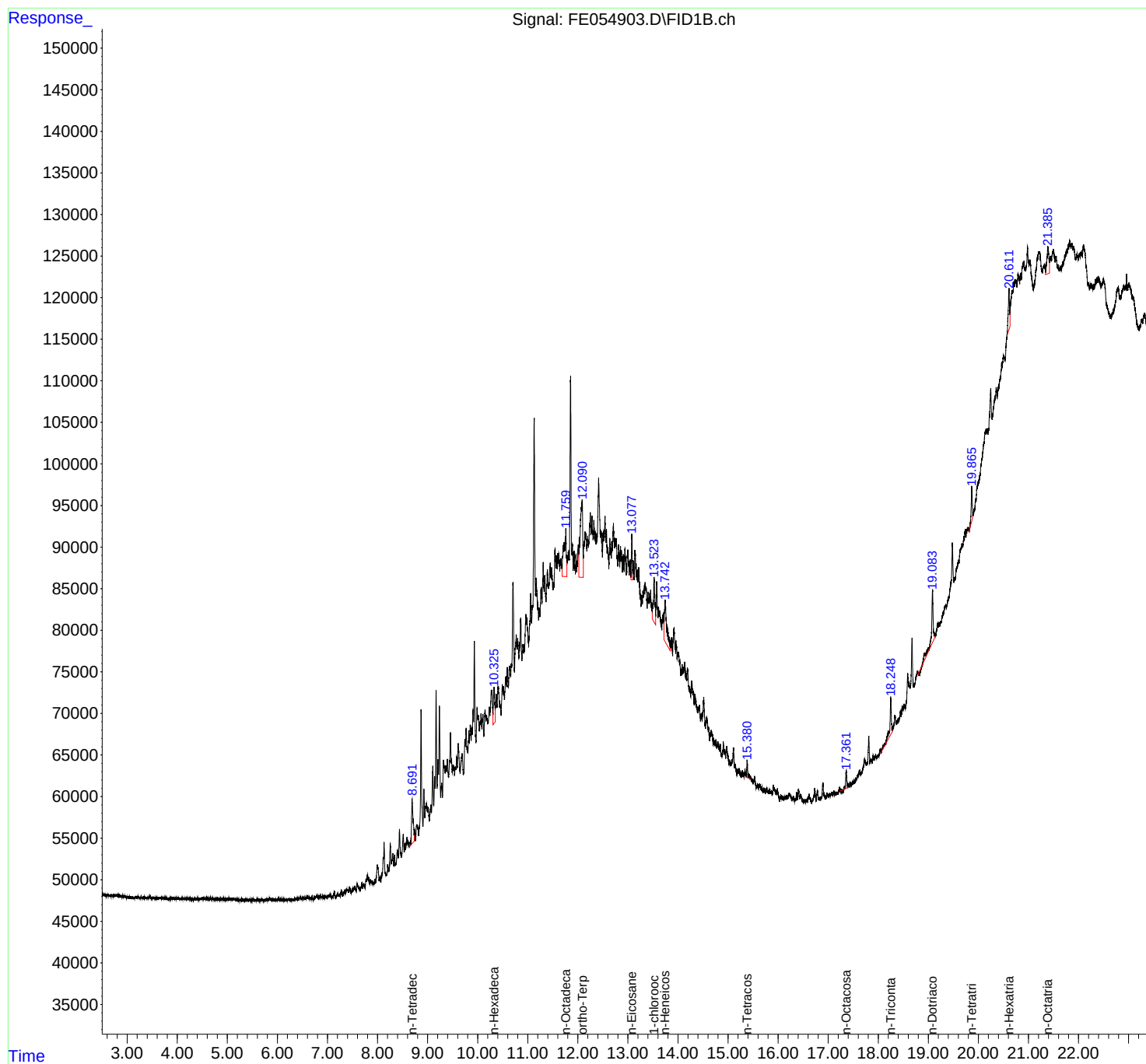
(m)=manual int.

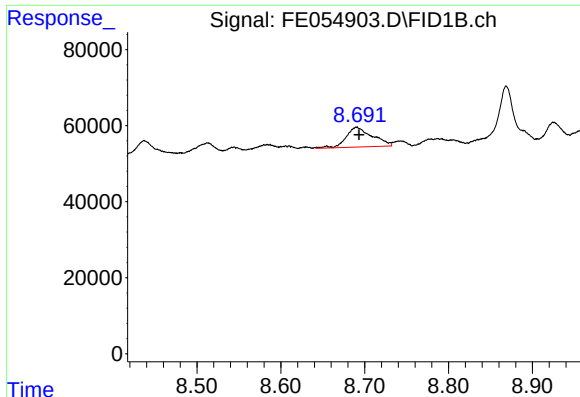
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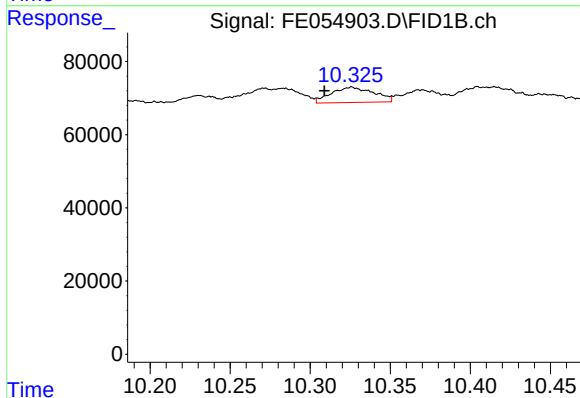




#6 n-Tetradecane (C14)

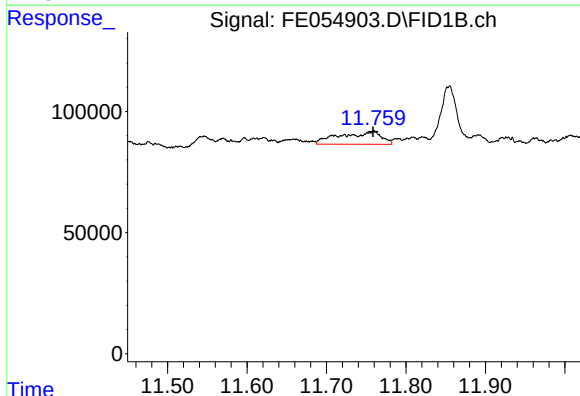
R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 113987
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



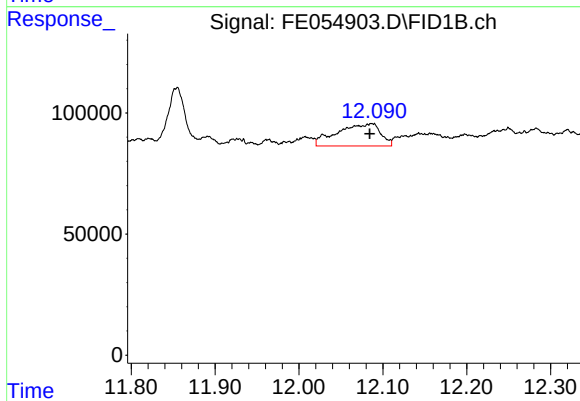
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.017 min
Response: 77928
Conc: 0.55 ug/ml



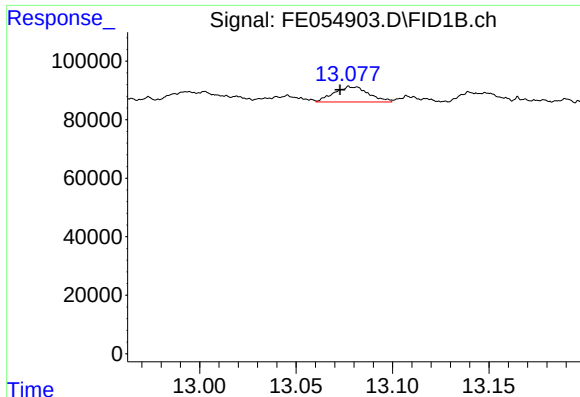
#8 n-Octadecane (C18)

R.T.: 11.760 min
Delta R.T.: 0.001 min
Response: 190124
Conc: 1.30 ug/ml



#9 ortho-Terphenyl (SURR)

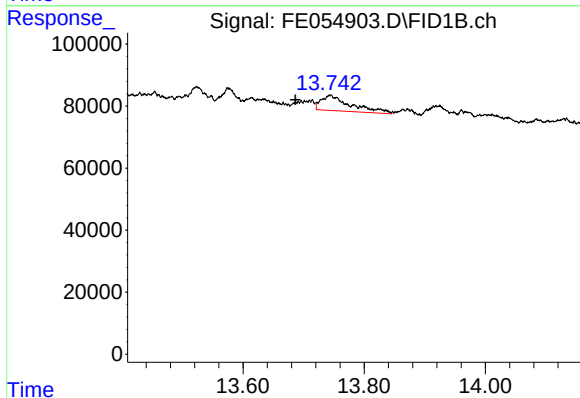
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 328019
Conc: 2.02 ug/ml



#10 n-Eicosane (C20)

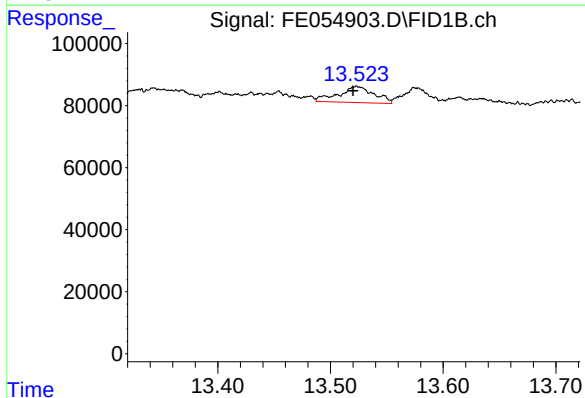
R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 66109
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



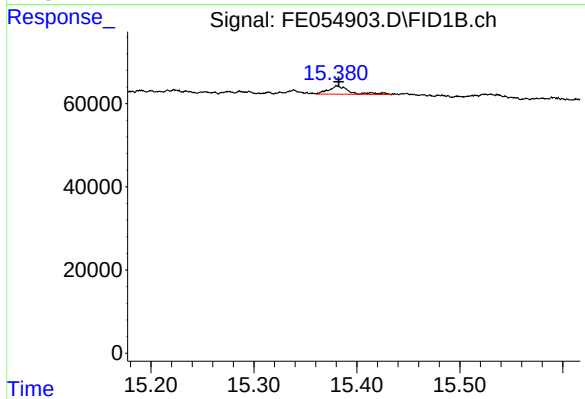
#11 n-Heneicosane (C21)

R.T.: 13.744 min
Delta R.T.: 0.057 min
Response: 167523
Conc: 1.17 ug/ml



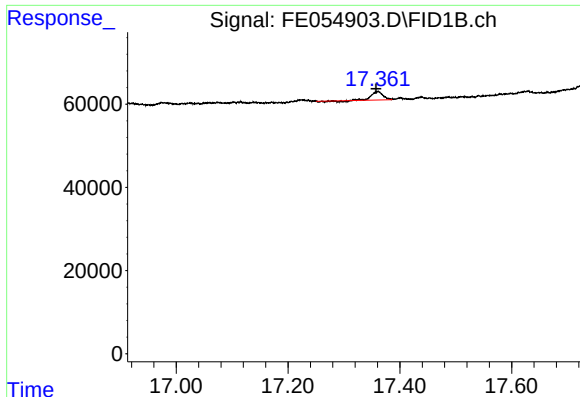
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.003 min
Response: 114005
Conc: 0.90 ug/ml



#14 n-Tetracosane (C24)

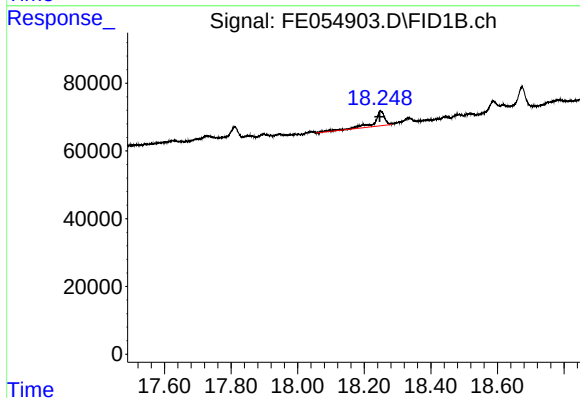
R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 27998
Conc: 0.19 ug/ml



#16 n-Octacosane (C28)

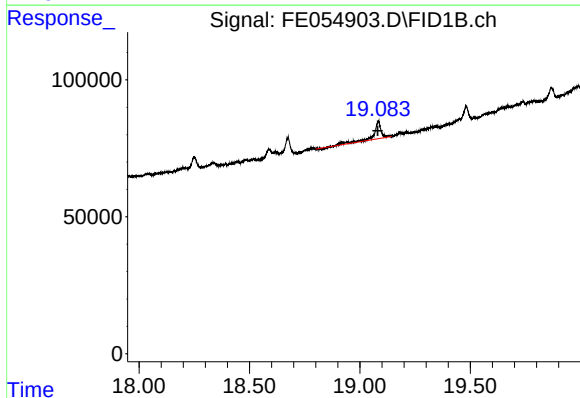
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 27611
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



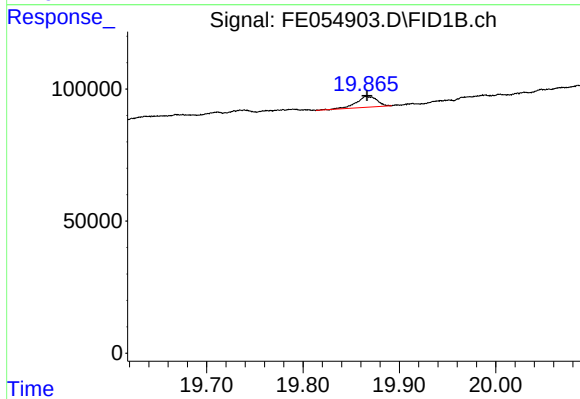
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.003 min
Response: 99646
Conc: 0.63 ug/ml



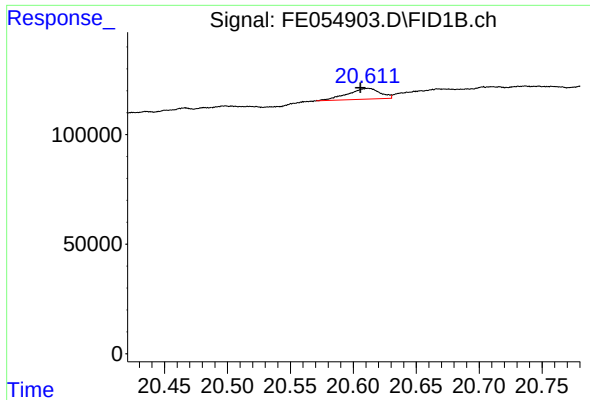
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 146637
Conc: 0.91 ug/ml



#19 n-Tetratriacontane (C34)

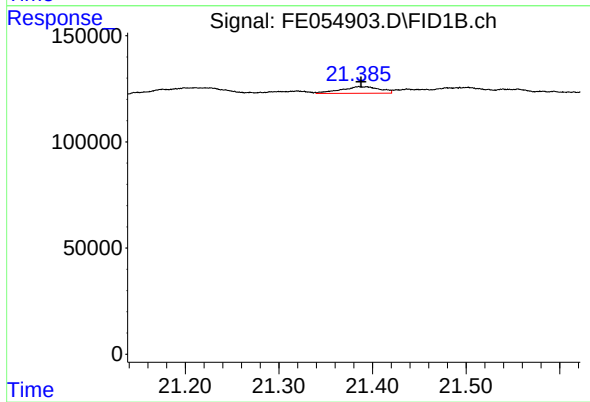
R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 60698
Conc: 0.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.006 min
Response: 87602
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 91377
Conc: 0.78 ug/ml