

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054776.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 10:34
 Operator : YP\AJ
 Sample : Q2526-01DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0101DL

Integration File: autoint1.e
 Quant Time: Jul 11 05:14:22 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)	12.077	589213	3.628 ug/ml
Spiked Amount 50.000		Recovery =	7.26%
12) S 1-chlorooctadecane (S...	13.513	451639	3.576 ug/ml
Spiked Amount 50.000		Recovery =	7.15%
Target Compounds			
7) T n-Hexadecane (C16)	10.319	12832	0.090 ug/ml
8) T n-Octadecane (C18)	11.736	35273	0.241 ug/ml
13) T n-Docosane (C22)	14.212f	59806	0.419 ug/ml
14) T n-Tetracosane (C24)	15.401	63220	0.435 ug/ml
16) T n-Octacosane (C28)	17.399	68486	0.470 ug/ml
17) T n-Tricontane (C30)	18.238	47099	0.299 ug/ml
18) T n-Dotriacontane (C32)	19.072	58713	0.363 ug/ml
19) T n-Tetratriacontane (C34)	19.858	80979	0.531 ug/ml
20) T n-Hexatriacontane (C36)	20.599	109555	0.815 ug/ml
21) T n-Octatriacontane (C38)	21.376	132099	1.126 ug/ml
22) T n-Tetracontane (C40)	22.368	55647	0.513 ug/ml

(f)=RT Delta > 1/2 Window

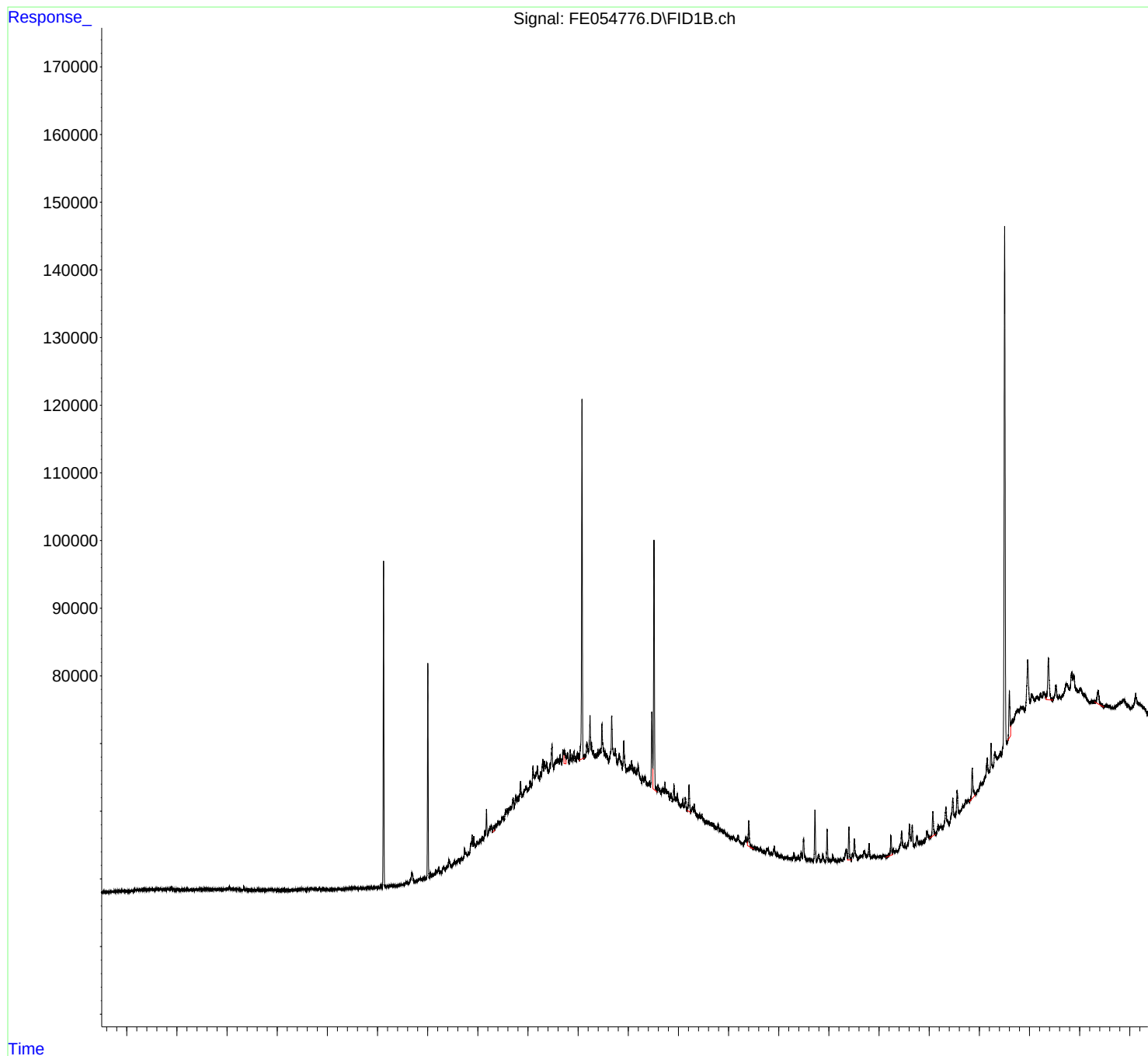
(m)=manual int.

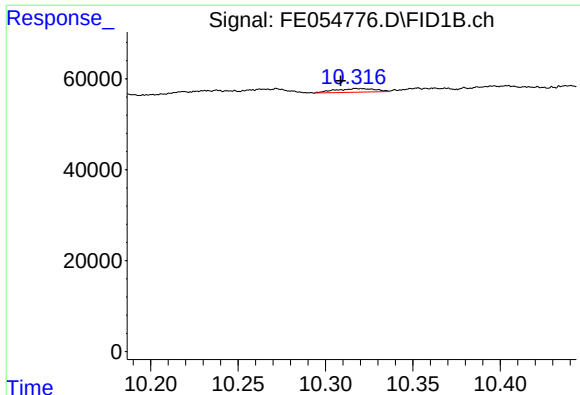
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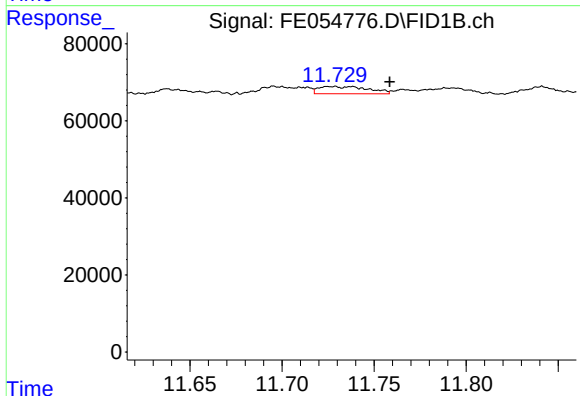




#7 n-Hexadecane (C16)

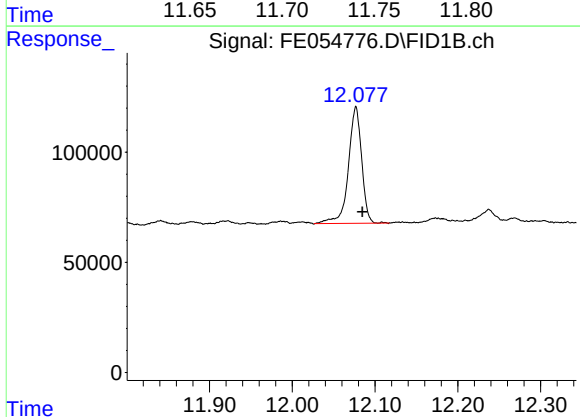
R.T.: 10.319 min
Delta R.T.: 0.011 min
Response: 12832
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0101DL



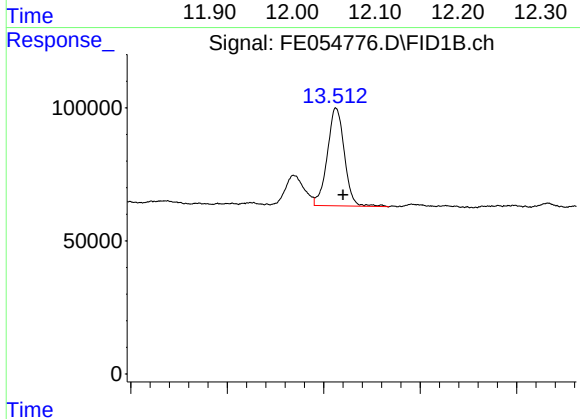
#8 n-Octadecane (C18)

R.T.: 11.736 min
Delta R.T.: -0.022 min
Response: 35273
Conc: 0.24 ug/ml



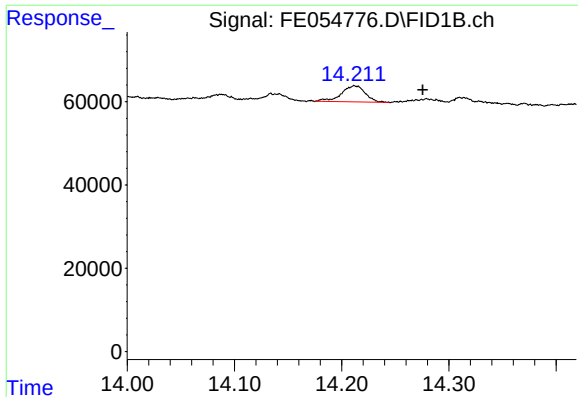
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: -0.008 min
Response: 589213
Conc: 3.63 ug/ml



#12 1-chlorooctadecane (SURR)

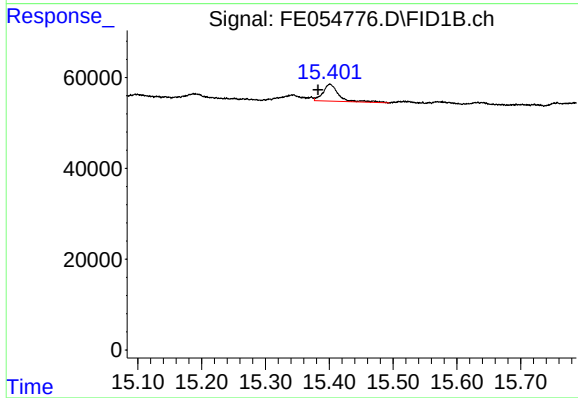
R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 451639
Conc: 3.58 ug/ml



#13 n-Docosane (C22)

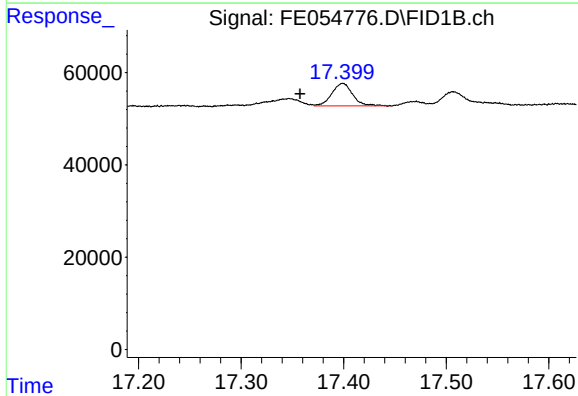
R.T.: 14.212 min
Delta R.T.: -0.063 min
Response: 59806
Conc: 0.42 ug/ml

Instrument :
FID_E
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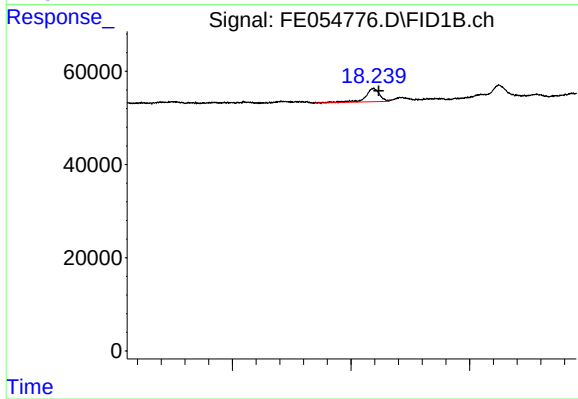
#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: 0.019 min
Response: 63220
Conc: 0.43 ug/ml



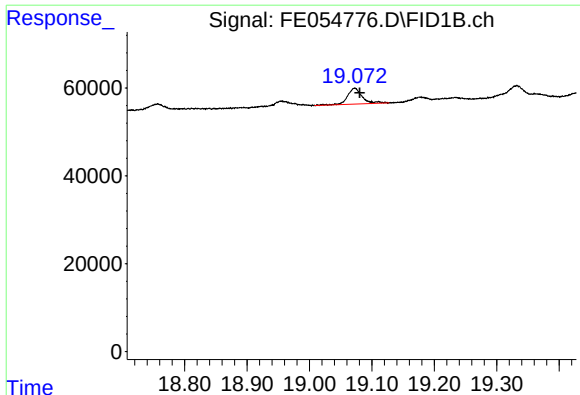
#16 n-Octacosane (C28)

R.T.: 17.399 min
Delta R.T.: 0.041 min
Response: 68486
Conc: 0.47 ug/ml



#17 n-Tricontane (C30)

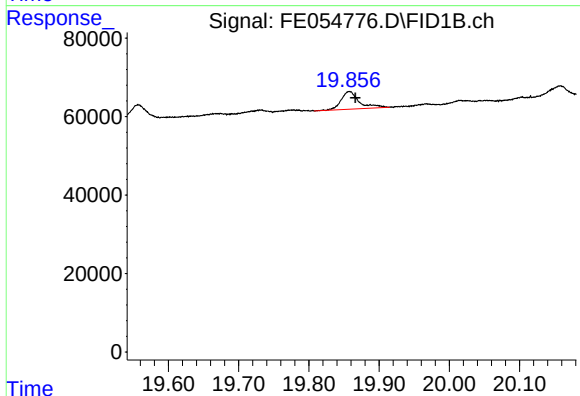
R.T.: 18.238 min
Delta R.T.: -0.009 min
Response: 47099
Conc: 0.30 ug/ml



#18 n-Dotriacontane (C32)

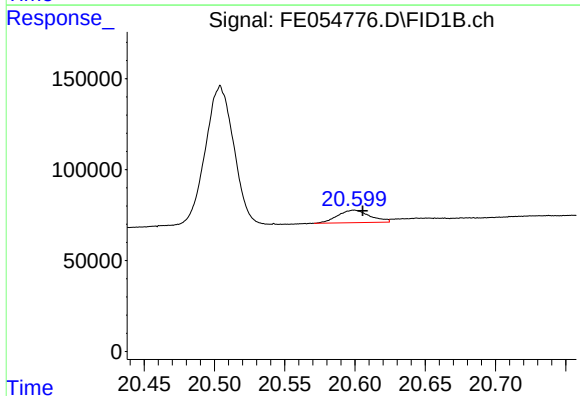
R.T.: 19.072 min
Delta R.T.: -0.008 min
Response: 58713
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0101DL



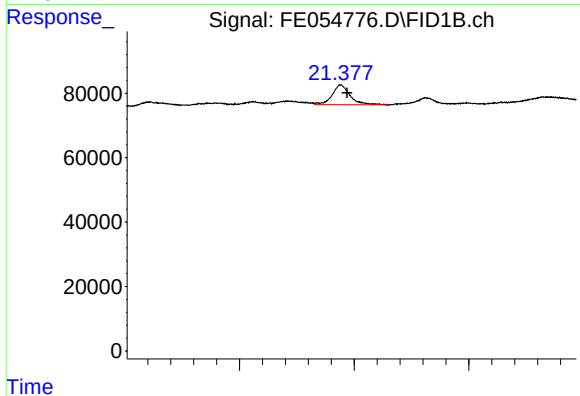
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.009 min
Response: 80979
Conc: 0.53 ug/ml



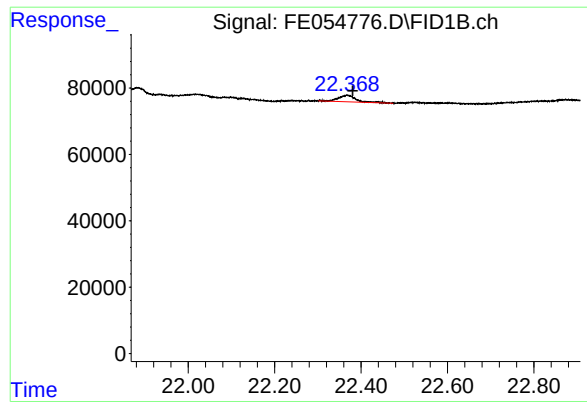
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.006 min
Response: 109555
Conc: 0.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.011 min
Response: 132099
Conc: 1.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 55647
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0101DL