

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054899.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 12:48
 Operator : YP\AJ
 Sample : Q2614-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-MCN-03DL

Integration File: autoint1.e
 Quant Time: Jul 18 06:06:00 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)	12.088	1064274	6.554 ug/ml
Spiked Amount 50.000		Recovery =	13.11%
12) S 1-chlorooctadecane (S...	13.524	868662	6.878 ug/ml
Spiked Amount 50.000		Recovery =	13.76%
Target Compounds			
6) T n-Tetradecane (C14)	8.693	42208	0.304 ug/ml
8) T n-Octadecane (C18)	11.733	34499	0.235 ug/ml
10) T n-Eicosane (C20)	13.076	39111	0.272 ug/ml
11) T n-Heneicosane (C21)	13.688	22947	0.161 ug/ml
13) T n-Docosane (C22)	14.280	20390	0.143 ug/ml
14) T n-Tetracosane (C24)	15.376	225705	1.553 ug/ml
15) T n-Hexacosane (C26)	16.409	34774	0.240 ug/ml
16) T n-Octacosane (C28)	17.382	116542	0.800 ug/ml
17) T n-Tricontane (C30)	18.258	362445	2.300 ug/ml
18) T n-Dotriacontane (C32)	19.083	331315	2.048 ug/ml
19) T n-Tetratriacontane (C34)	19.868	113091	0.742 ug/ml
20) T n-Hexatriacontane (C36)	20.613	7282	0.054 ug/ml
22) T n-Tetracontane (C40)	22.326f	23586	0.218 ug/ml

(f)=RT Delta > 1/2 Window

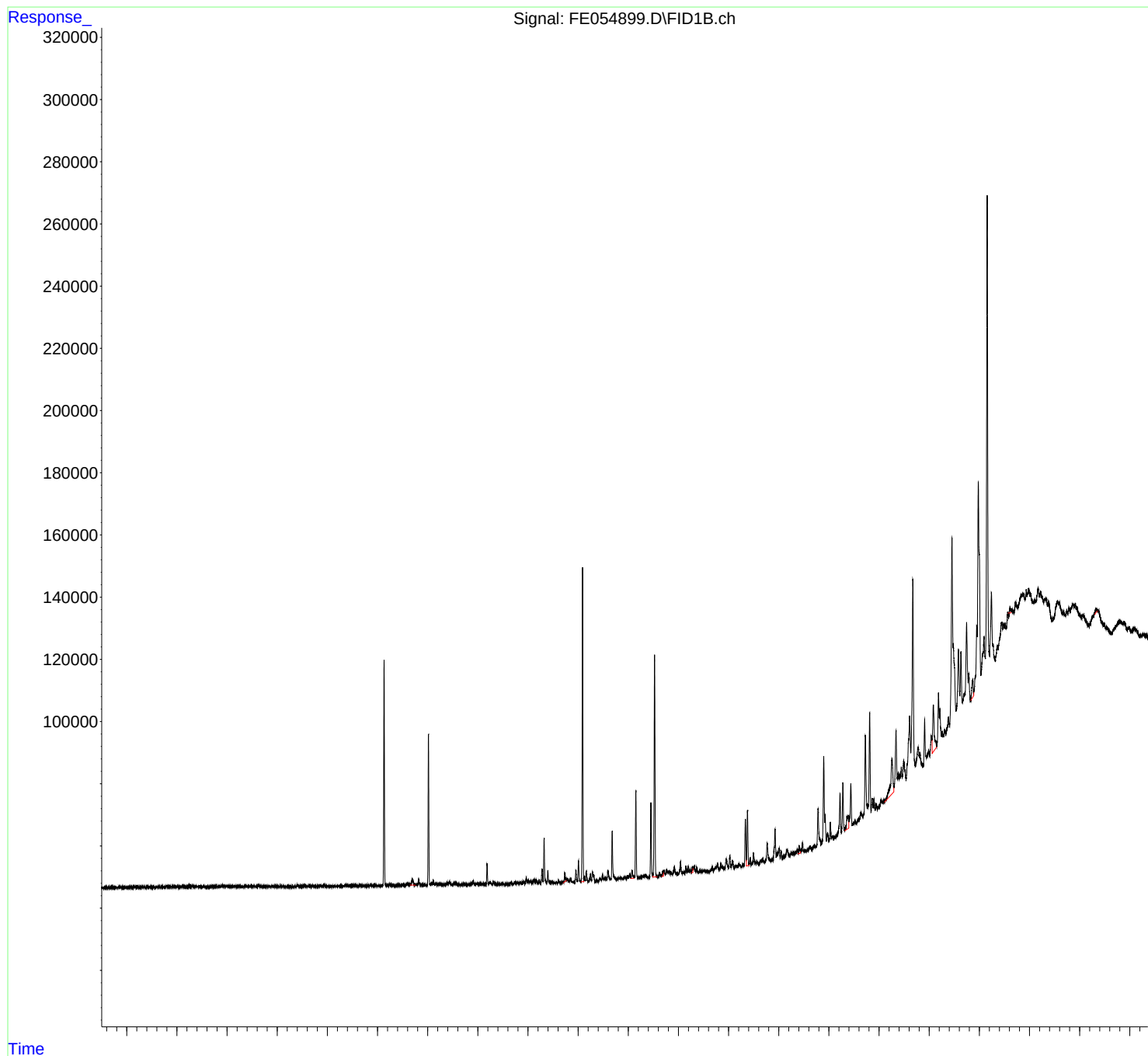
(m)=manual int.

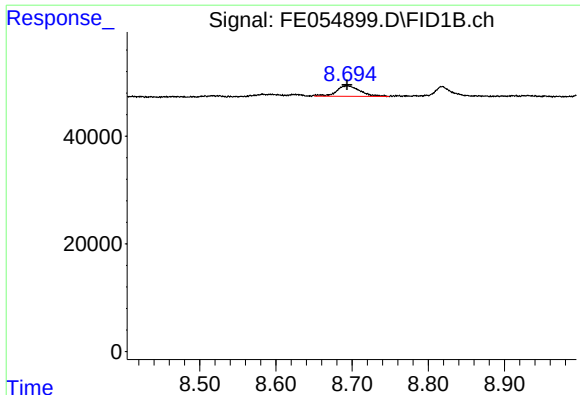
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Signal Info : 20M x 0.18mm x 0.18um

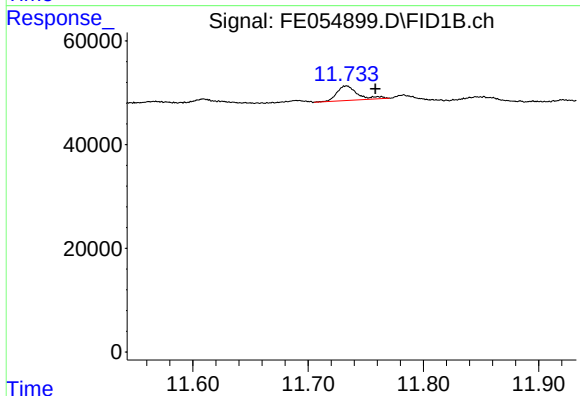




#6 n-Tetradecane (C14)

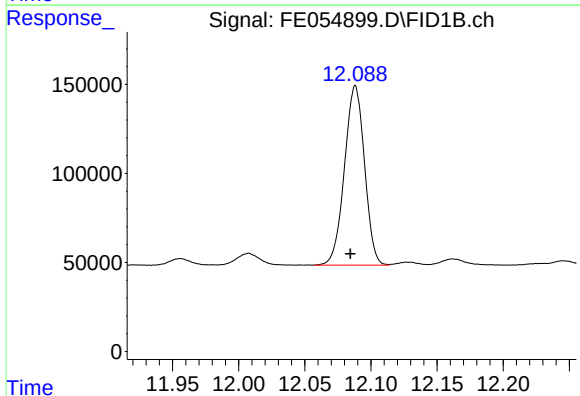
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 42208
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-03DL



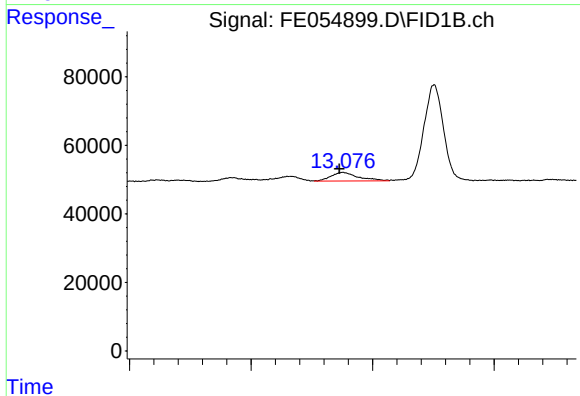
#8 n-Octadecane (C18)

R.T.: 11.733 min
Delta R.T.: -0.025 min
Response: 34499
Conc: 0.24 ug/ml



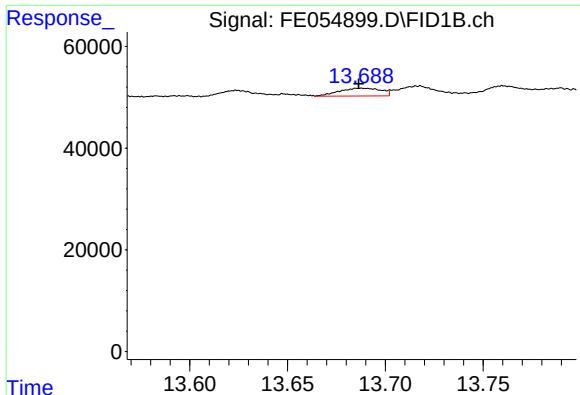
#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 1064274
Conc: 6.55 ug/ml



#10 n-Eicosane (C20)

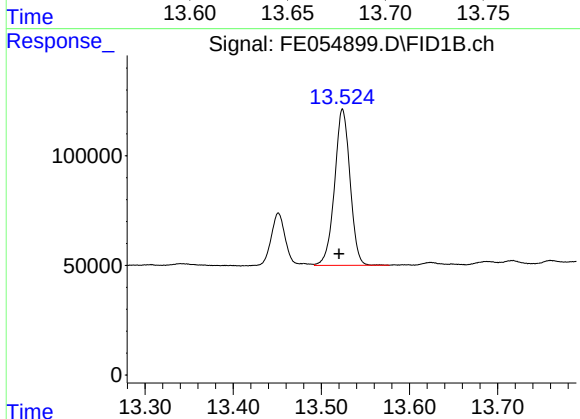
R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 39111
Conc: 0.27 ug/ml



#11 n-Heneicosane (C21)

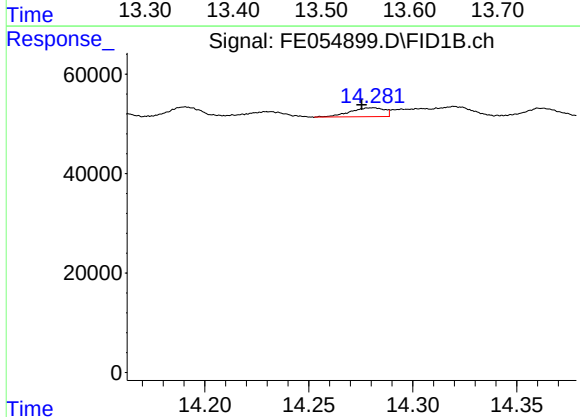
R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 22947
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-03DL



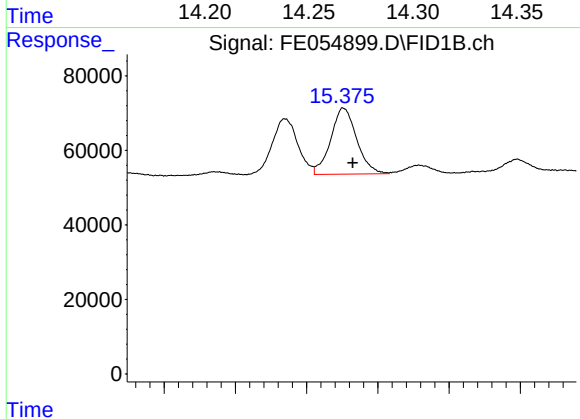
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 868662
Conc: 6.88 ug/ml



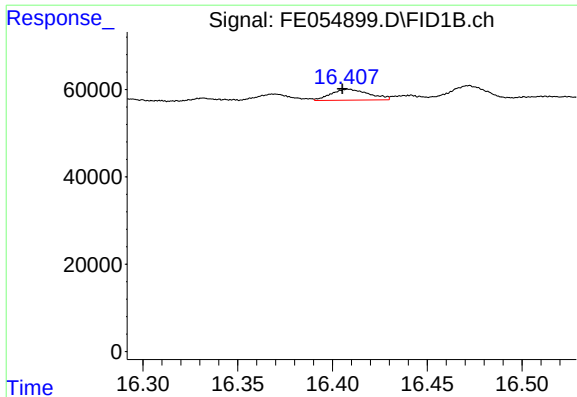
#13 n-Docosane (C22)

R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 20390
Conc: 0.14 ug/ml



#14 n-Tetracosane (C24)

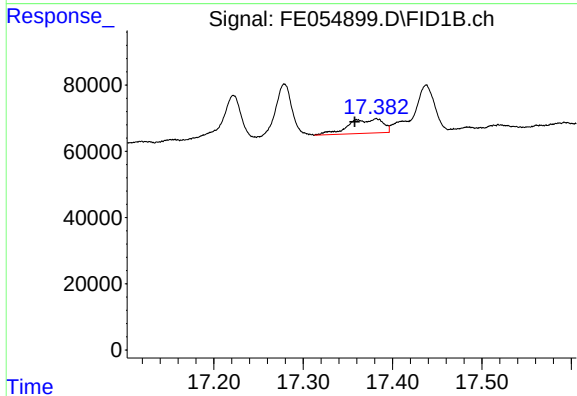
R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 225705
Conc: 1.55 ug/ml



#15 n-Hexacosane (C26)

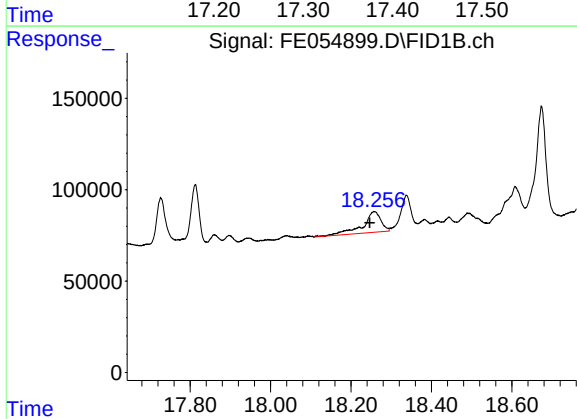
R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 34774
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-03DL



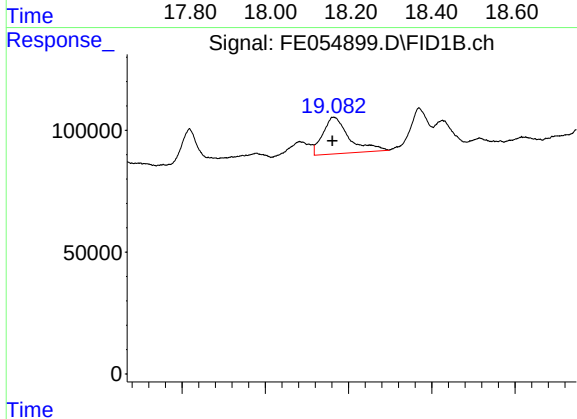
#16 n-Octacosane (C28)

R.T.: 17.382 min
Delta R.T.: 0.024 min
Response: 116542
Conc: 0.80 ug/ml



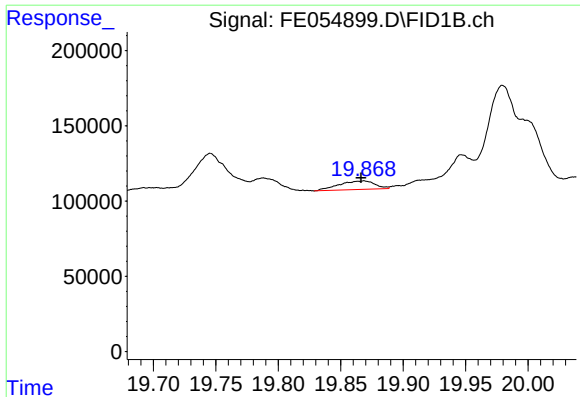
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: 0.012 min
Response: 362445
Conc: 2.30 ug/ml



#18 n-Dotriacontane (C32)

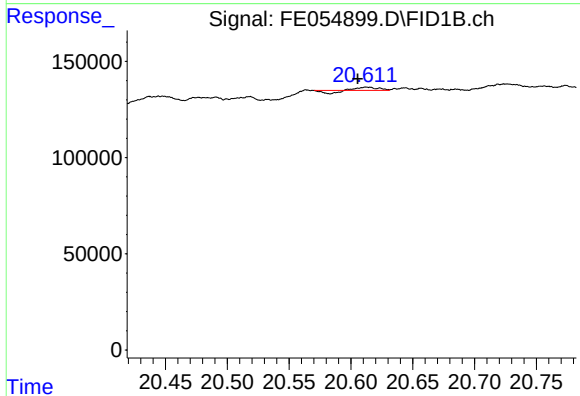
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 331315
Conc: 2.05 ug/ml



#19 n-Tetratriacontane (C34)

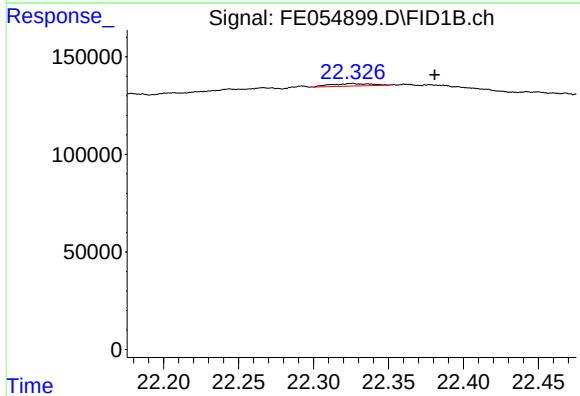
R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 113091
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-03DL



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.008 min
Response: 7282
Conc: 0.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.326 min
Delta R.T.: -0.055 min
Response: 23586
Conc: 0.22 ug/ml