

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054775.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 10:04
 Operator : YP\AJ
 Sample : Q2523-03DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-070825-2DL

Integration File: autoint1.e
 Quant Time: Jul 11 05:14:09 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	680834	4.192 ug/ml
Spiked Amount 50.000		Recovery =	8.38%
12) S 1-chlorooctadecane (S...	13.513	482247	3.818 ug/ml
Spiked Amount 50.000		Recovery =	7.64%
Target Compounds			
7) T n-Hexadecane (C16)	10.304	16096	0.113 ug/ml
8) T n-Octadecane (C18)	11.750	40958	0.279 ug/ml
10) T n-Eicosane (C20)	13.068	37411	0.260 ug/ml
11) T n-Heneicosane (C21)	13.730	104886	0.734 ug/ml
16) T n-Octacosane (C28)	17.349	23508	0.161 ug/ml
17) T n-Tricontane (C30)	18.238	62462	0.396 ug/ml
18) T n-Dotriacontane (C32)	19.072	145235	0.898 ug/ml
19) T n-Tetratriacontane (C34)	19.857	123900	0.813 ug/ml
20) T n-Hexatriacontane (C36)	20.599	153843	1.144 ug/ml
21) T n-Octatriacontane (C38)	21.376	106090	0.905 ug/ml
22) T n-Tetracontane (C40)	22.367	97039	0.895 ug/ml

(f)=RT Delta > 1/2 Window

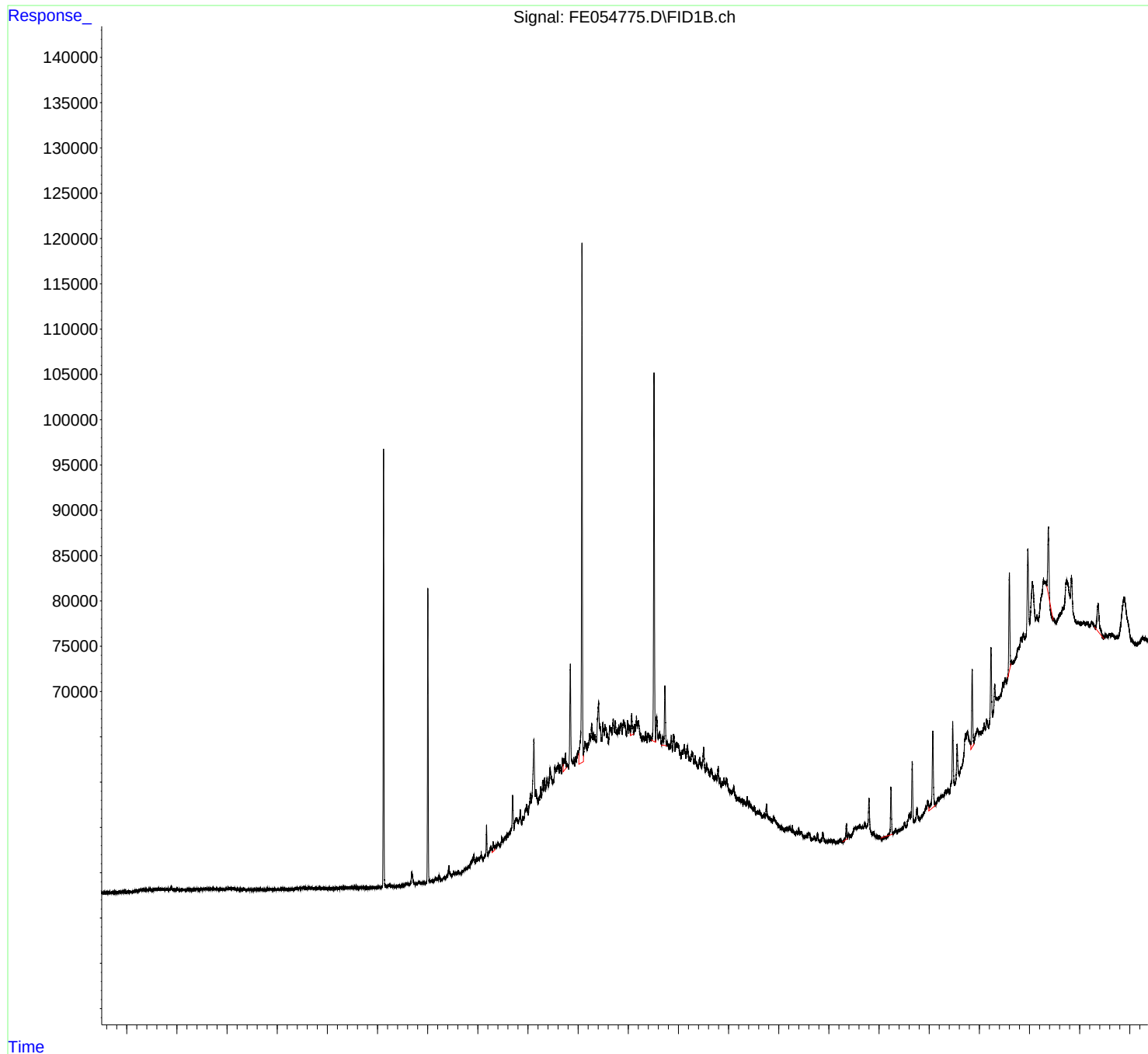
(m)=manual int.

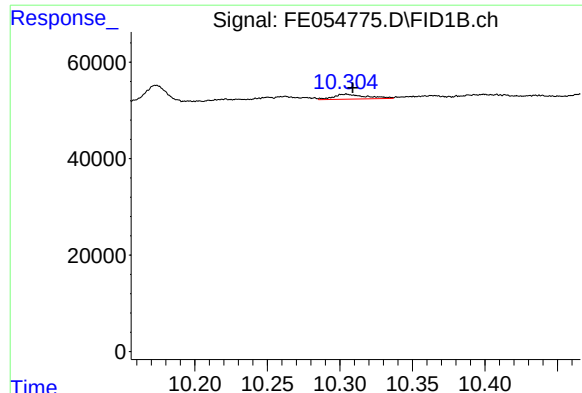
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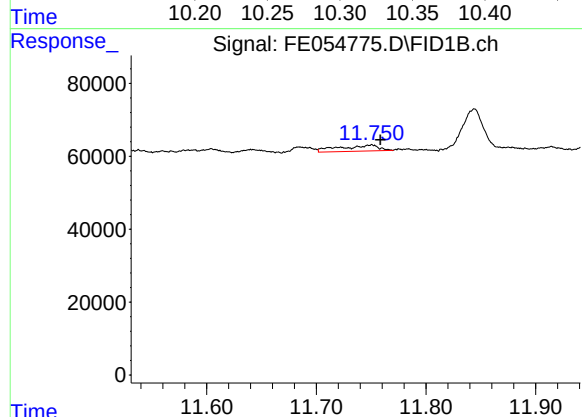




#7 n-Hexadecane (C16)

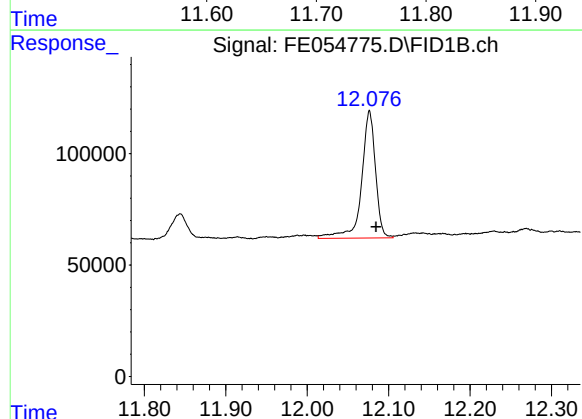
R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 16096
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-2DL



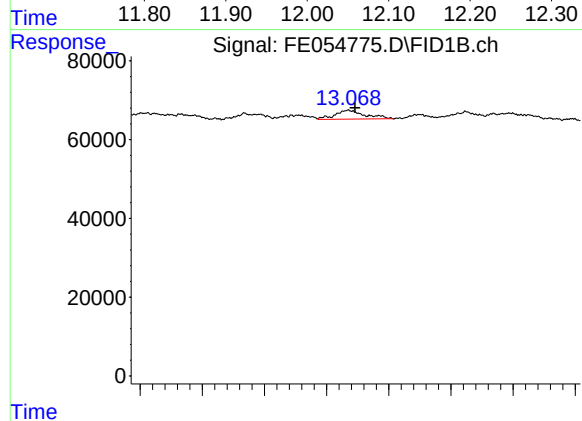
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: -0.009 min
Response: 40958
Conc: 0.28 ug/ml



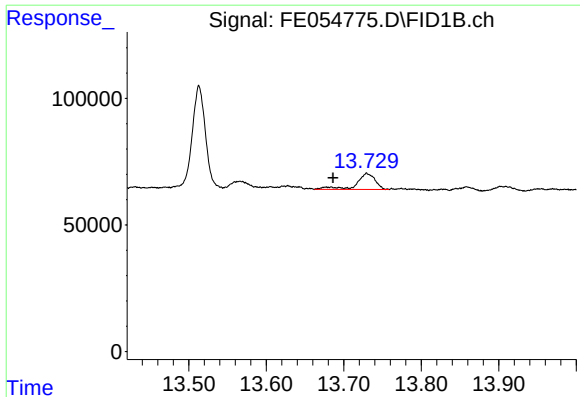
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: -0.008 min
Response: 680834
Conc: 4.19 ug/ml



#10 n-Eicosane (C20)

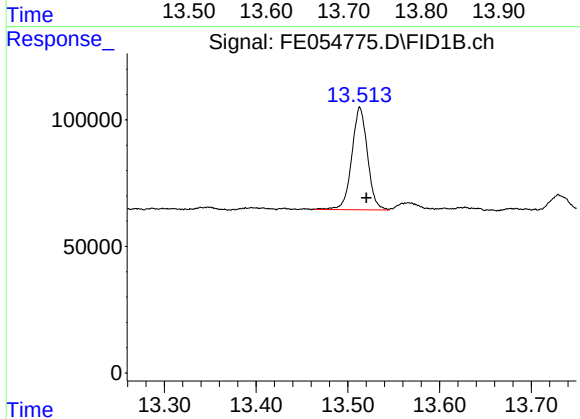
R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 37411
Conc: 0.26 ug/ml



#11 n-Heneicosane (C21)

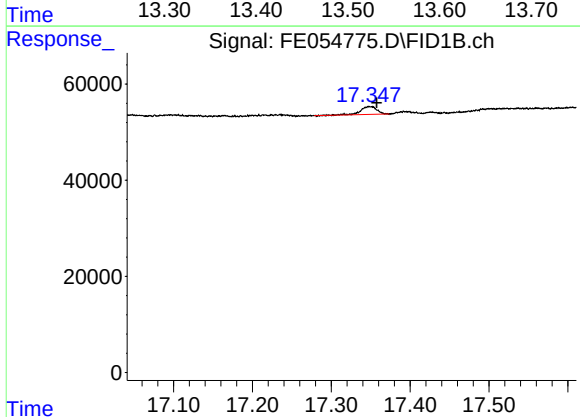
R.T.: 13.730 min
Delta R.T.: 0.044 min
Response: 104886
Conc: 0.73 ug/ml

Instrument :
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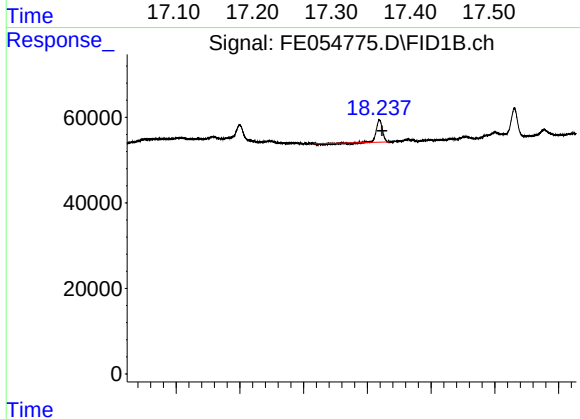
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 482247
Conc: 3.82 ug/ml



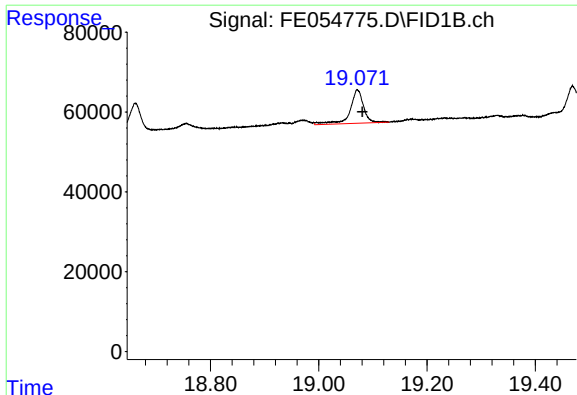
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.009 min
Response: 23508
Conc: 0.16 ug/ml



#17 n-Tricontane (C30)

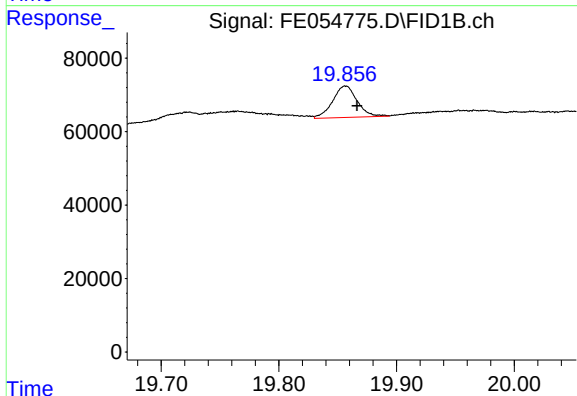
R.T.: 18.238 min
Delta R.T.: -0.009 min
Response: 62462
Conc: 0.40 ug/ml



#18 n-Dotriacontane (C32)

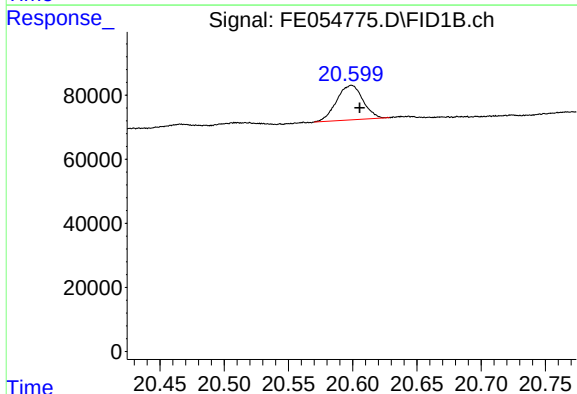
R.T.: 19.072 min
Delta R.T.: -0.009 min
Response: 145235
Conc: 0.90 ug/ml

Instrument :
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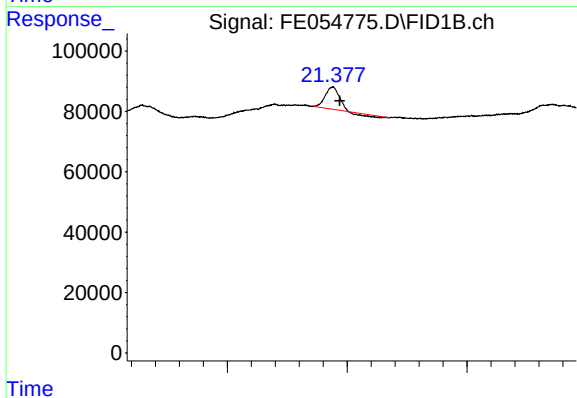
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.010 min
Response: 123900
Conc: 0.81 ug/ml



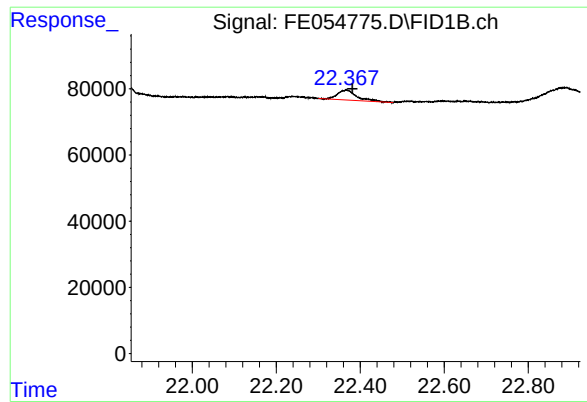
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.007 min
Response: 153843
Conc: 1.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.012 min
Response: 106090
Conc: 0.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: -0.014 min
Response: 97039
Conc: 0.90 ug/ml

Instrument :

FID_E

ClientSampleId :

PAD-070825-2DL