

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054797.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 23:59
 Operator : YP\AJ
 Sample : Q2523-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-070825-1DL

Integration File: autoint1.e
 Quant Time: Jul 11 06:32:06 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)	12.081	632431	3.894 ug/ml
Spiked Amount 50.000		Recovery =	7.79%
12) S 1-chlorooctadecane (S...	13.519	448359	3.550 ug/ml
Spiked Amount 50.000		Recovery =	7.10%
Target Compounds			
7) T n-Hexadecane (C16)	10.328	44837	0.315 ug/ml
8) T n-Octadecane (C18)	11.741	94751	0.647 ug/ml
10) T n-Eicosane (C20)	13.072	46694	0.325 ug/ml
16) T n-Octacosane (C28)	17.354	25278	0.173 ug/ml
17) T n-Tricontane (C30)	18.244	88573	0.562 ug/ml
18) T n-Dotriacontane (C32)	19.078	100152	0.619 ug/ml
19) T n-Tetratriacontane (C34)	19.865	170611	1.120 ug/ml
20) T n-Hexatriacontane (C36)	20.608	108847	0.810 ug/ml
21) T n-Octatriacontane (C38)	21.391	409121	3.488 ug/ml
22) T n-Tetracontane (C40)	22.378	36990	0.341 ug/ml

(f)=RT Delta > 1/2 Window

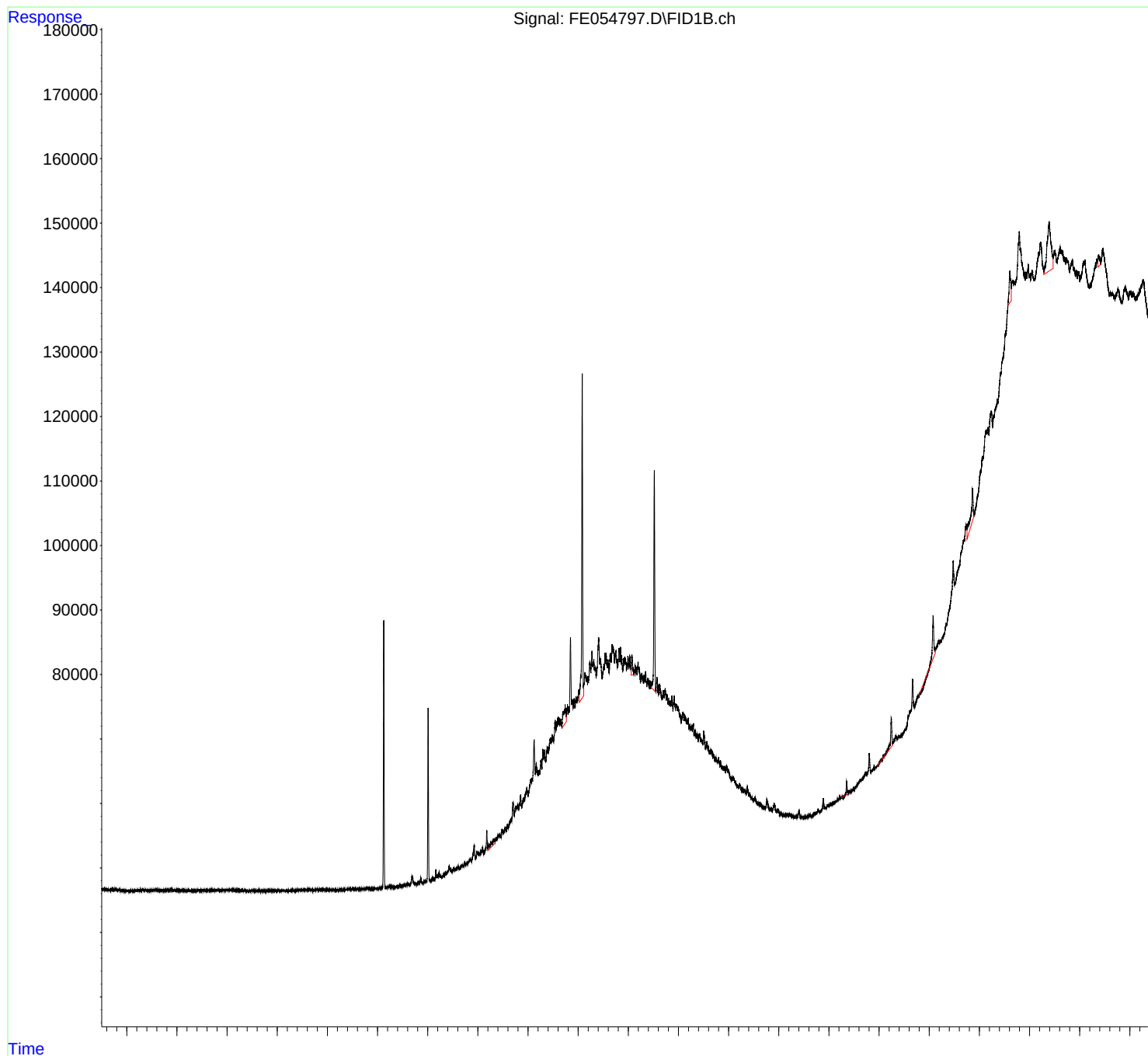
(m)=manual int.

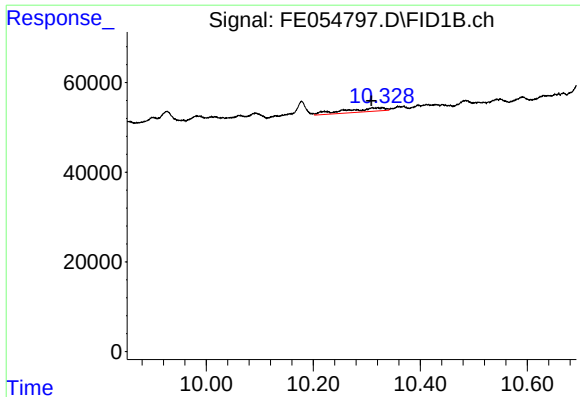
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

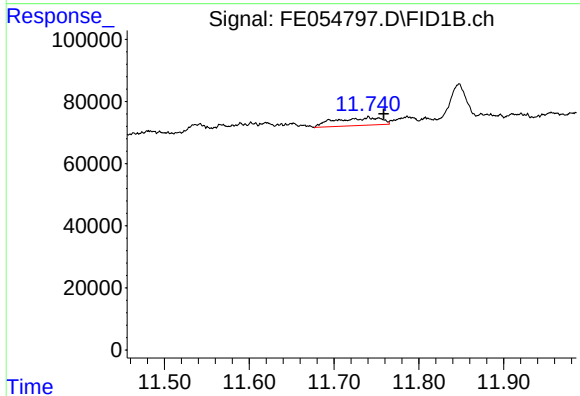




#7 n-Hexadecane (C16)

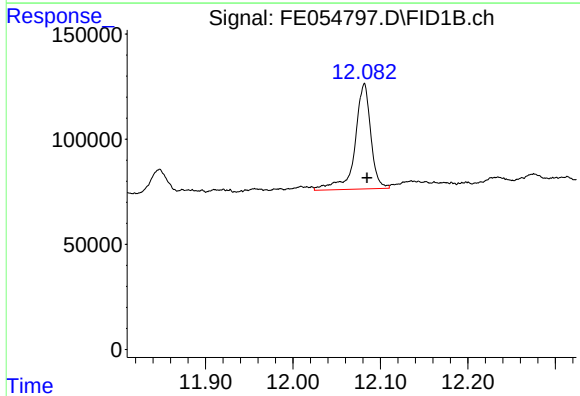
R.T.: 10.328 min
Delta R.T.: 0.019 min
Response: 44837
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-1DL



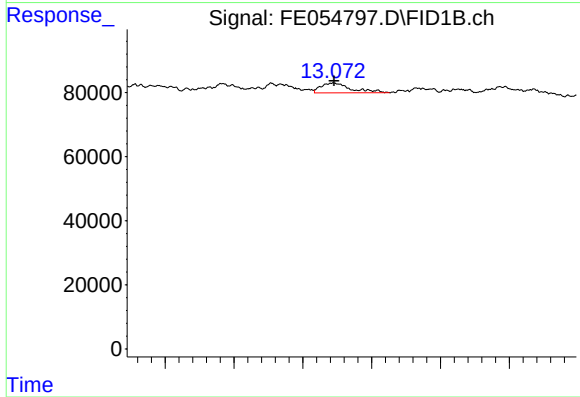
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.018 min
Response: 94751
Conc: 0.65 ug/ml



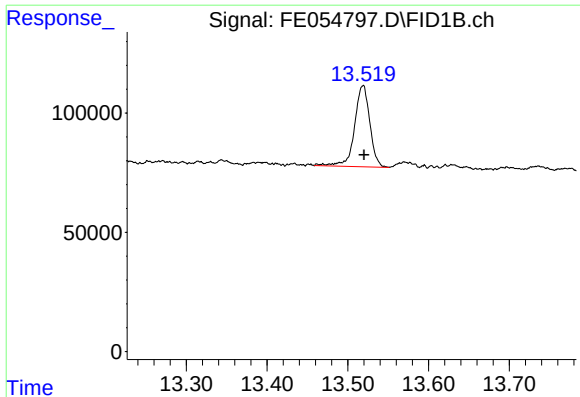
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 632431
Conc: 3.89 ug/ml



#10 n-Eicosane (C20)

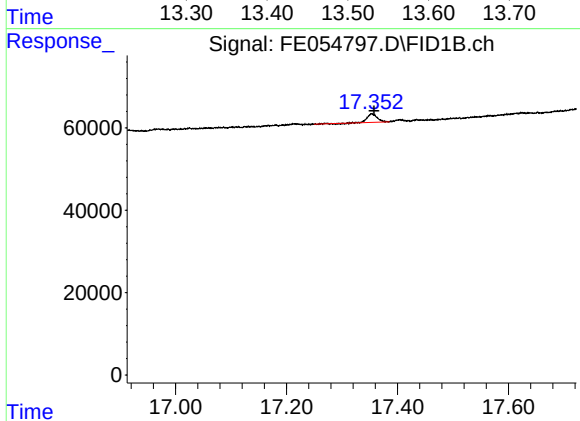
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 46694
Conc: 0.32 ug/ml



#12 1-chlorooctadecane (SURR)

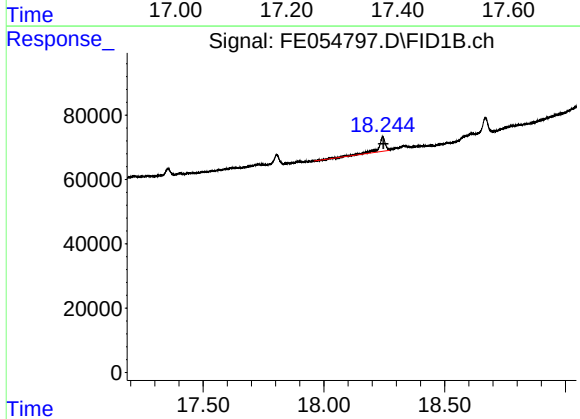
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 448359
Conc: 3.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-1DL



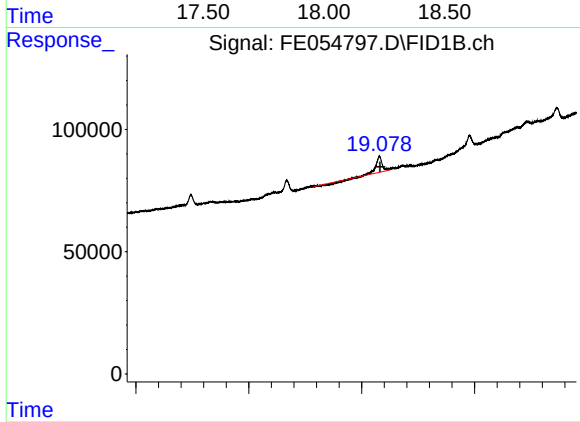
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.004 min
Response: 25278
Conc: 0.17 ug/ml



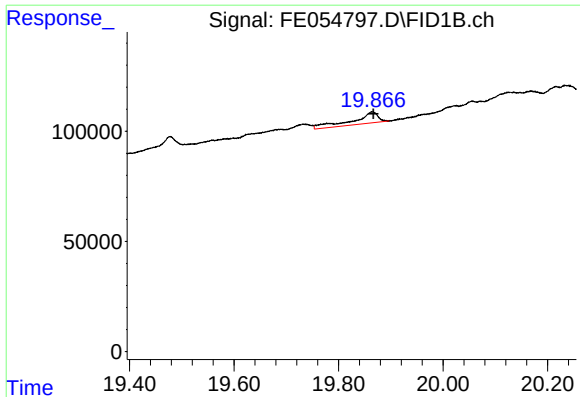
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 88573
Conc: 0.56 ug/ml



#18 n-Dotriacontane (C32)

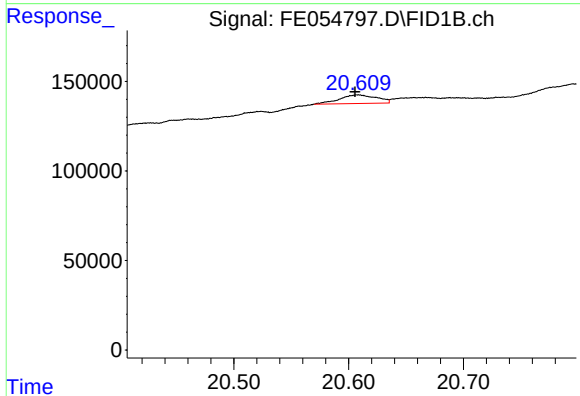
R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 100152
Conc: 0.62 ug/ml



#19 n-Tetratriacontane (C34)

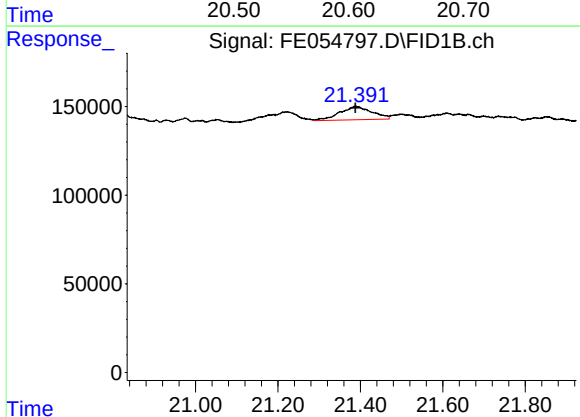
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 170611
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-1DL



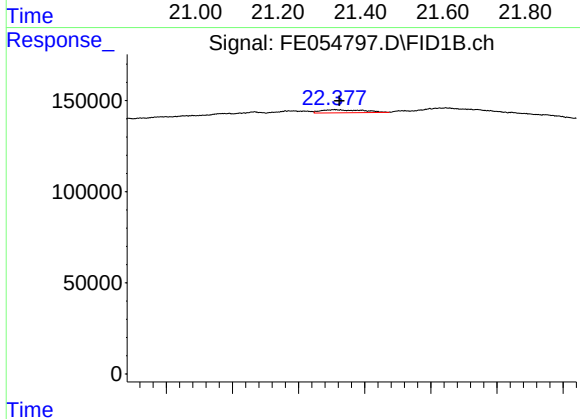
#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.003 min
Response: 108847
Conc: 0.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.003 min
Response: 409121
Conc: 3.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 36990
Conc: 0.34 ug/ml