

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054657.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 14:40
 Operator : YP\AJ
 Sample : Q2459-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1

Integration File: autoint1.e
 Quant Time: Jul 02 02:22:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.079	5684703	35.006 ug/ml
Spiked Amount 50.000		Recovery =	70.01%
12) S 1-chlorooctadecane (S...	13.515	4604355	36.457 ug/ml
Spiked Amount 50.000		Recovery =	72.91%
Target Compounds			
8) T n-Octadecane (C18)	11.678f	54543	0.372 ug/ml
14) T n-Tetracosane (C24)	15.355	47338	0.326 ug/ml
15) T n-Hexacosane (C26)	16.396	23245	0.161 ug/ml
16) T n-Octacosane (C28)	17.347	49473	0.339 ug/ml
17) T n-Tricontane (C30)	18.237	86445	0.549 ug/ml
18) T n-Dotriacontane (C32)	19.070	125587	0.776 ug/ml
19) T n-Tetratriacontane (C34)	19.856	92475	0.607 ug/ml
20) T n-Hexatriacontane (C36)	20.597	214662	1.597 ug/ml
21) T n-Octatriacontane (C38)	21.378	41880	0.357 ug/ml

(f)=RT Delta > 1/2 Window

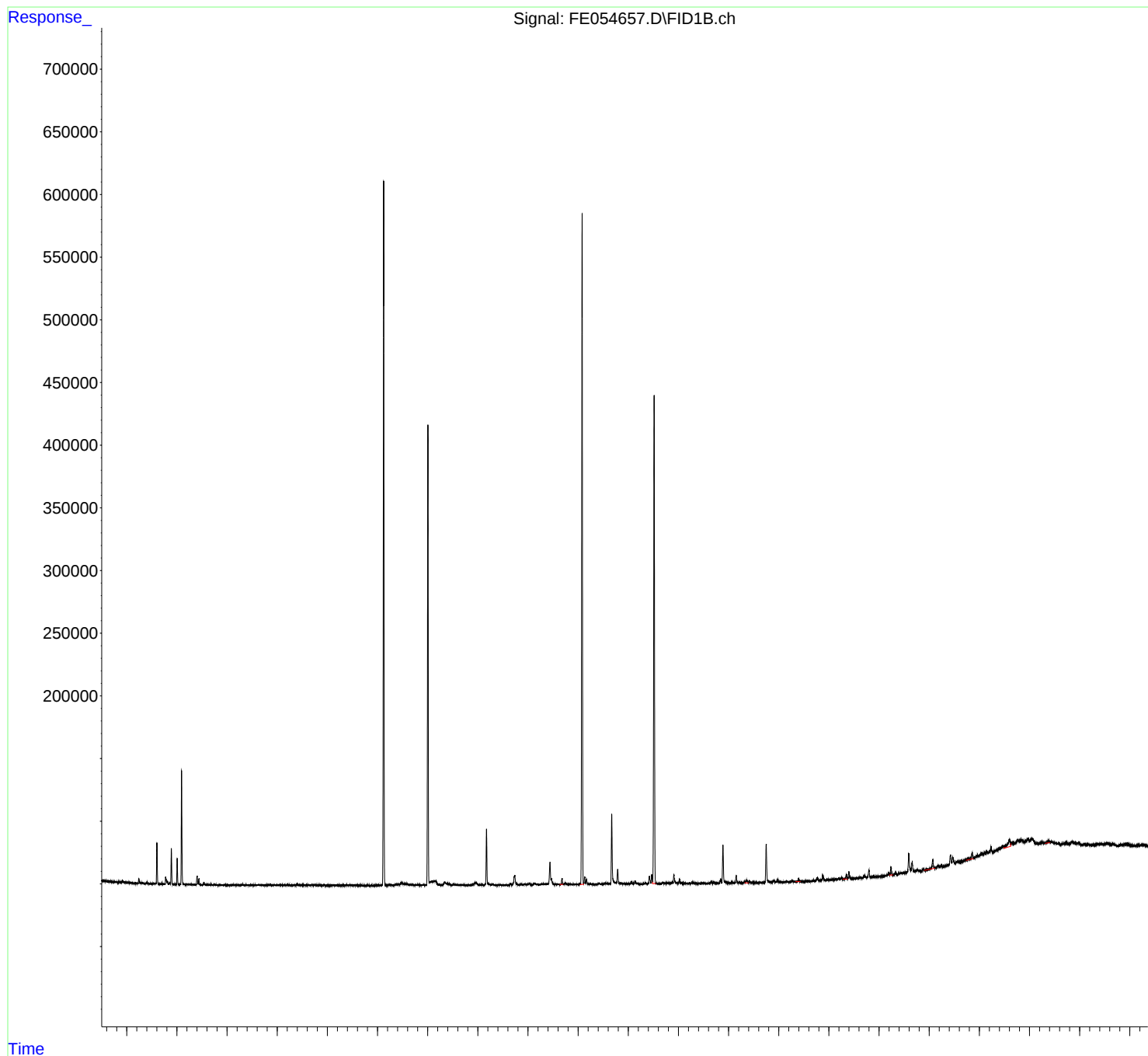
(m)=manual int.

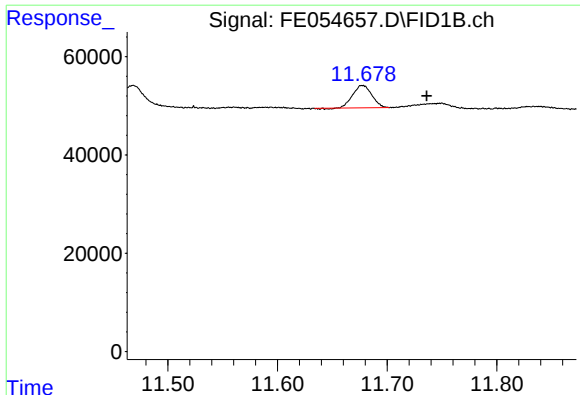
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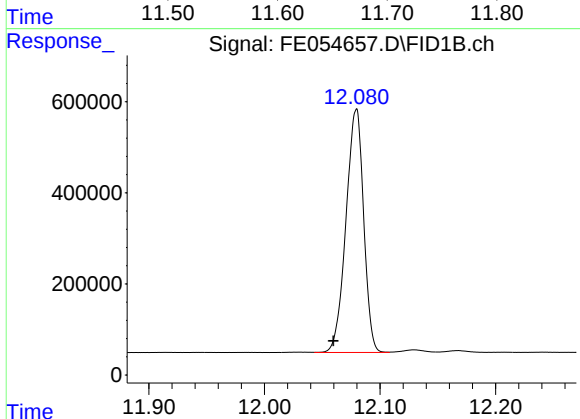




#8 n-Octadecane (C18)

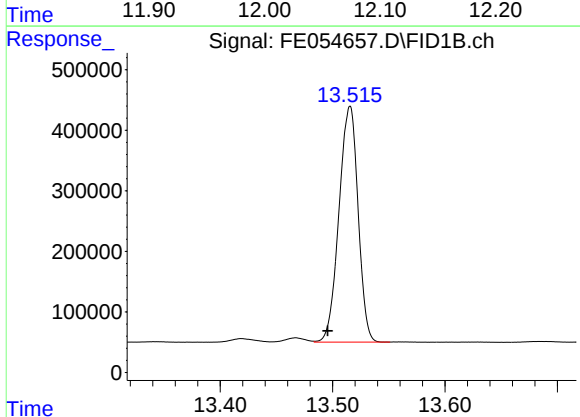
R.T.: 11.678 min
Delta R.T.: -0.058 min
Response: 54543
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



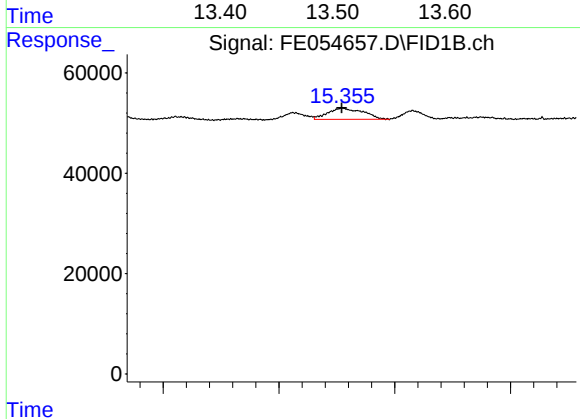
#9 ortho-Terphenyl (SURR)

R.T.: 12.079 min
Delta R.T.: 0.019 min
Response: 5684703
Conc: 35.01 ug/ml



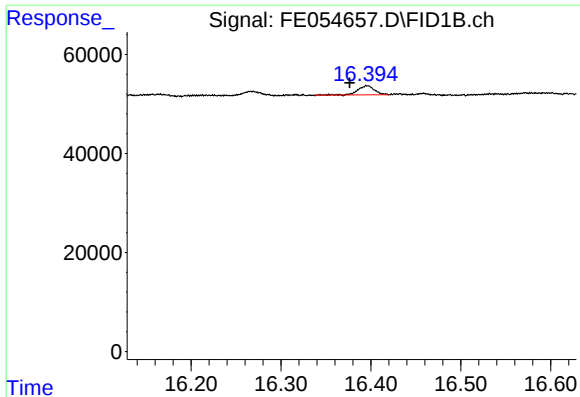
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: 0.020 min
Response: 4604355
Conc: 36.46 ug/ml



#14 n-Tetracosane (C24)

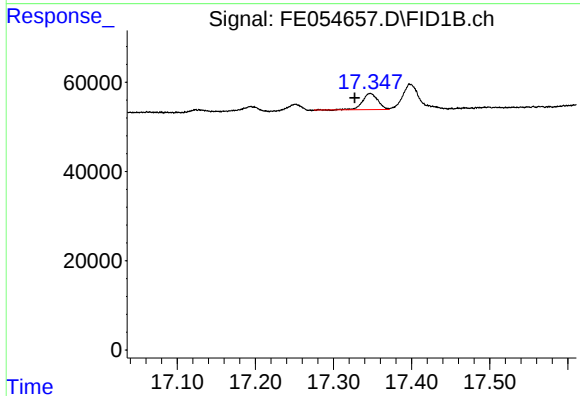
R.T.: 15.355 min
Delta R.T.: 0.000 min
Response: 47338
Conc: 0.33 ug/ml



#15 n-Hexacosane (C26)

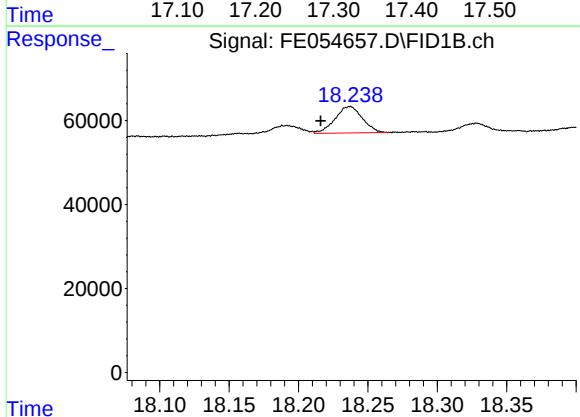
R.T.: 16.396 min
Delta R.T.: 0.019 min
Response: 23245
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



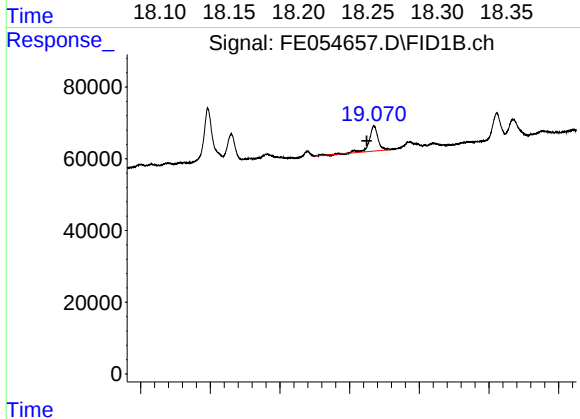
#16 n-Octacosane (C28)

R.T.: 17.347 min
Delta R.T.: 0.020 min
Response: 49473
Conc: 0.34 ug/ml



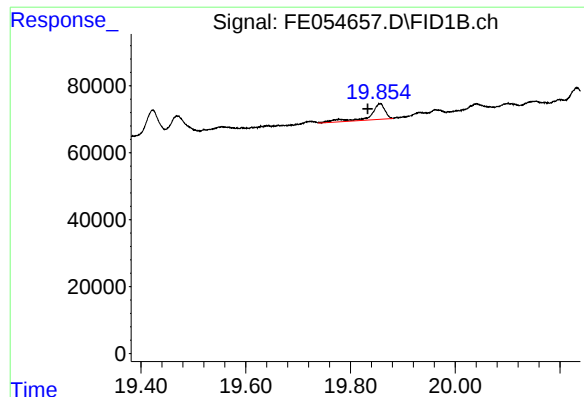
#17 n-Tricontane (C30)

R.T.: 18.237 min
Delta R.T.: 0.021 min
Response: 86445
Conc: 0.55 ug/ml



#18 n-Dotriacontane (C32)

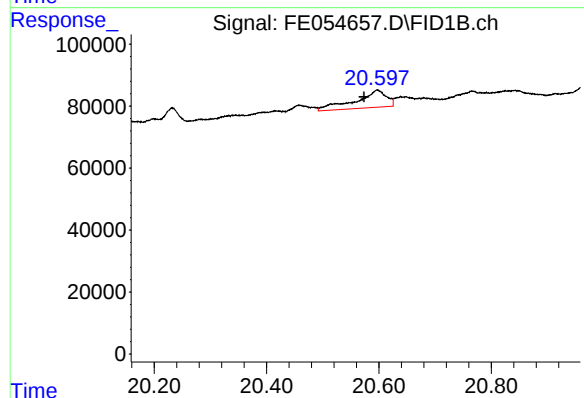
R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 125587
Conc: 0.78 ug/ml



#19 n-Tetratriacontane (C34)

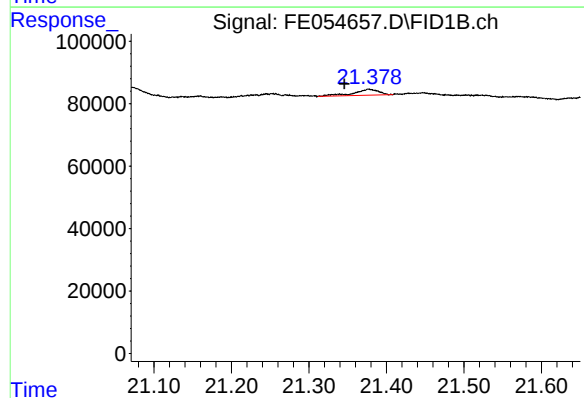
R.T.: 19.856 min
Delta R.T.: 0.023 min
Response: 92475
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



#20 n-Hexatriacontane (C36)

R.T.: 20.597 min
Delta R.T.: 0.024 min
Response: 214662
Conc: 1.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.032 min
Response: 41880
Conc: 0.36 ug/ml