

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054993.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 17:54
 Operator : YP\AJ
 Sample : Q2668-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-EPH

Integration File: autoint1.e
 Quant Time: Jul 24 04:34:44 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)	12.084	4061108	25.008 ug/ml
Spiked Amount 50.000		Recovery =	50.02%
12) S 1-chlorooctadecane (S...	13.520	3177649	25.161 ug/ml
Spiked Amount 50.000		Recovery =	50.32%
Target Compounds			
14) T n-Tetracosane (C24)	15.374	42162	0.290 ug/ml
15) T n-Hexacosane (C26)	16.402	69902	0.483 ug/ml
16) T n-Octacosane (C28)	17.355	54867	0.376 ug/ml
17) T n-Tricontane (C30)	18.244	104765	0.665 ug/ml
18) T n-Dotriacontane (C32)	19.079	338152	2.090 ug/ml
19) T n-Tetratriacontane (C34)	19.870	123775	0.812 ug/ml
20) T n-Hexatriacontane (C36)	20.609	172156	1.280 ug/ml
21) T n-Octatriacontane (C38)	21.321f	245135	2.090 ug/ml
22) T n-Tetracontane (C40)	22.319f	34665	0.320 ug/ml

(f)=RT Delta > 1/2 Window

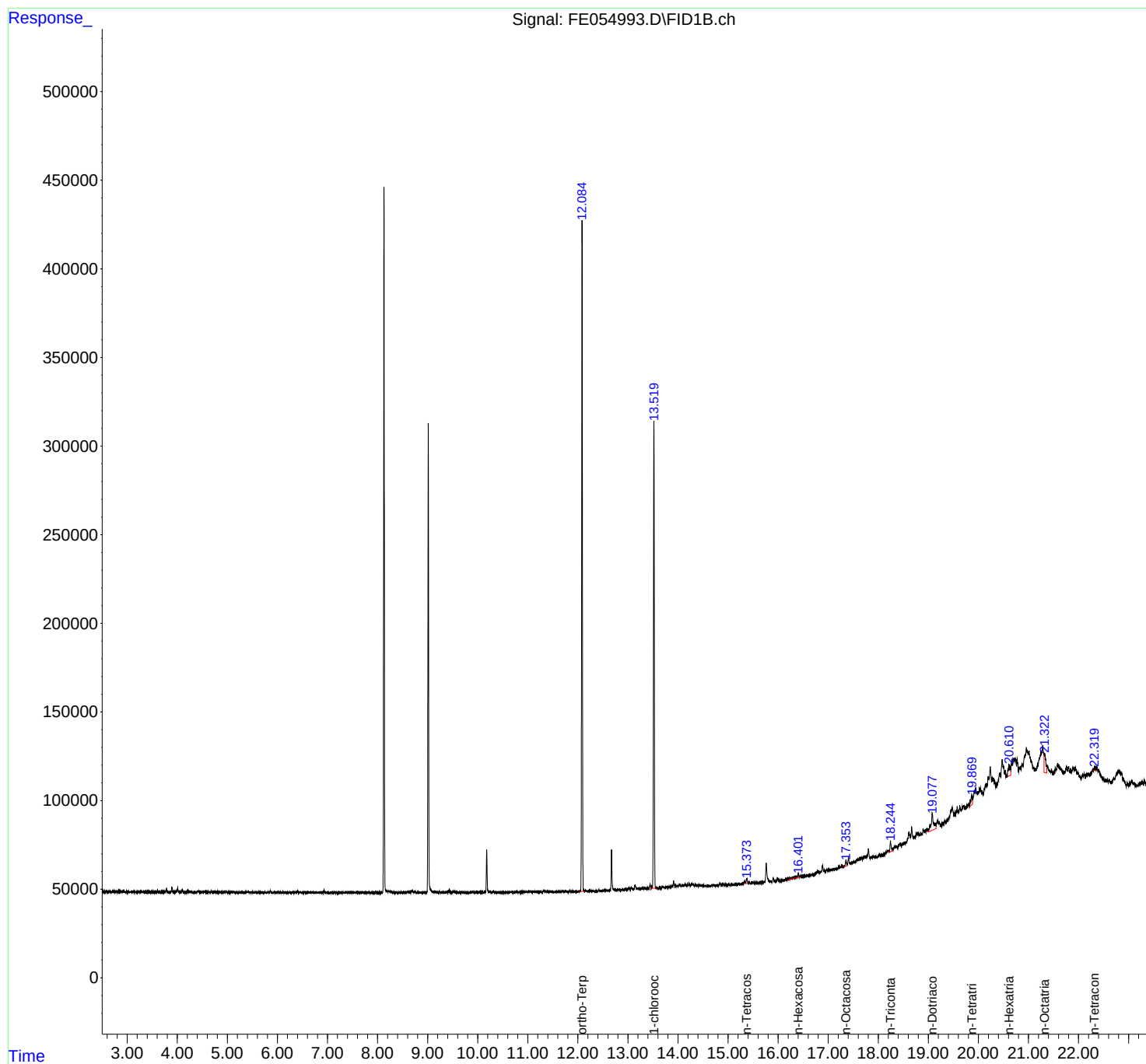
(m)=manual int.

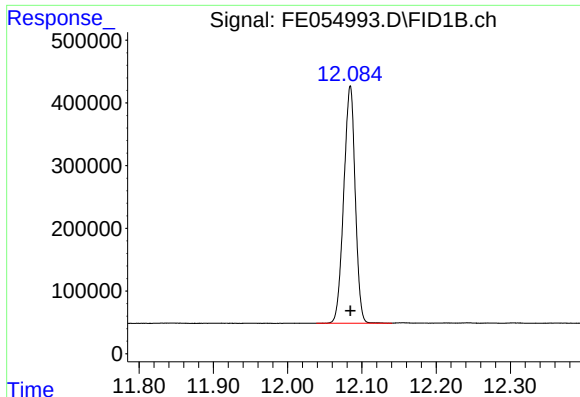
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Signal Info : 20M x 0.18mm x 0.18um

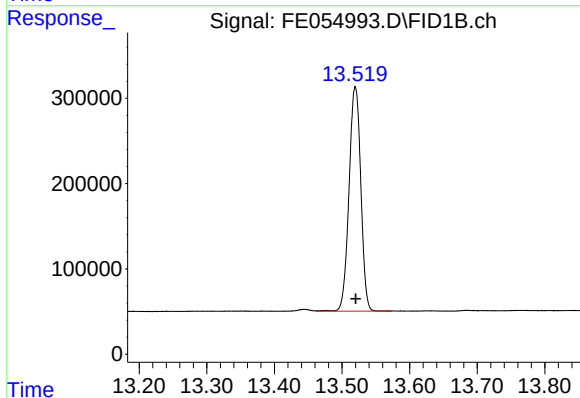




#9 ortho-Terphenyl (SURR)

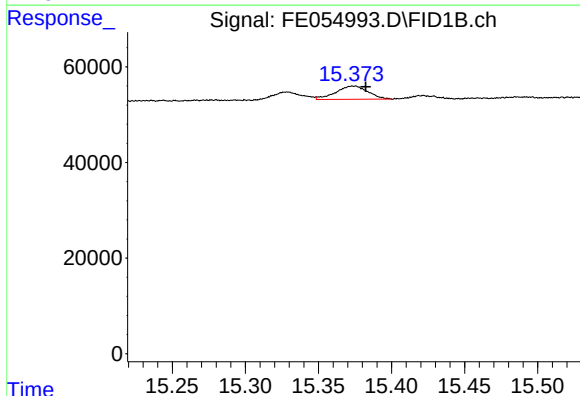
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 4061108
Conc: 25.01 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



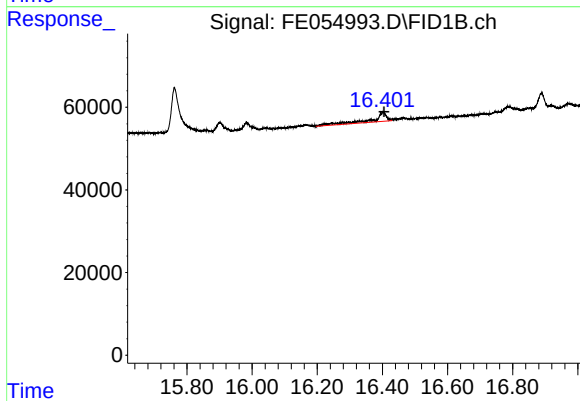
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3177649
Conc: 25.16 ug/ml



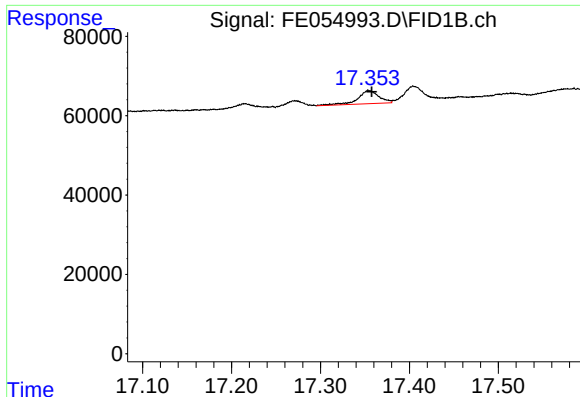
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.009 min
Response: 42162
Conc: 0.29 ug/ml



#15 n-Hexacosane (C26)

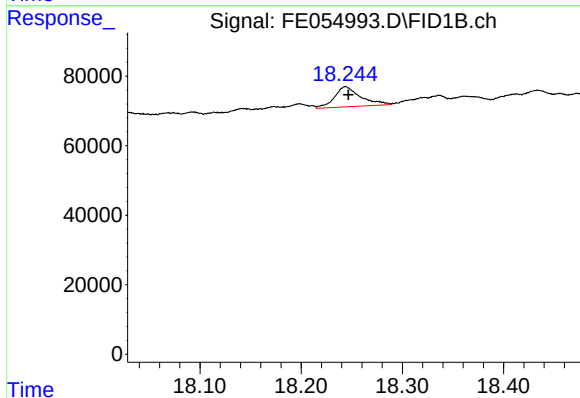
R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 69902
Conc: 0.48 ug/ml



#16 n-Octacosane (C28)

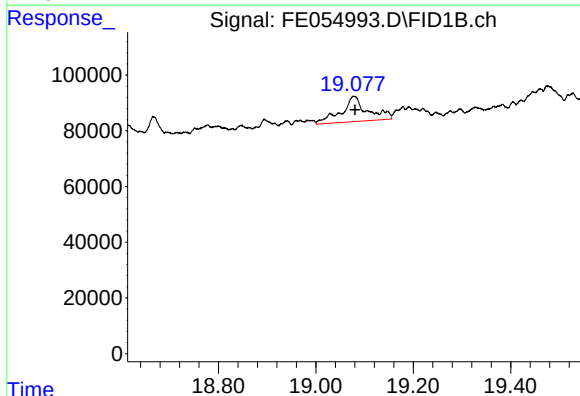
R.T.: 17.355 min
Delta R.T.: -0.003 min
Response: 54867
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



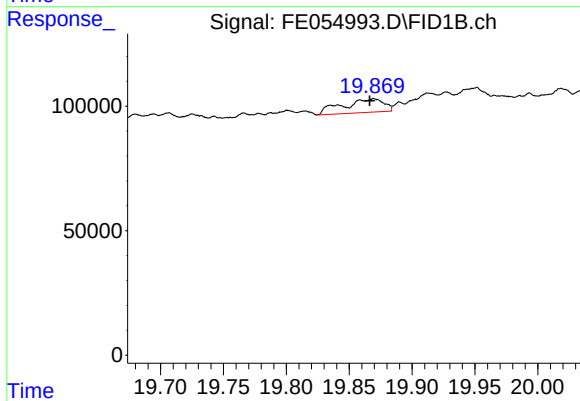
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.002 min
Response: 104765
Conc: 0.66 ug/ml



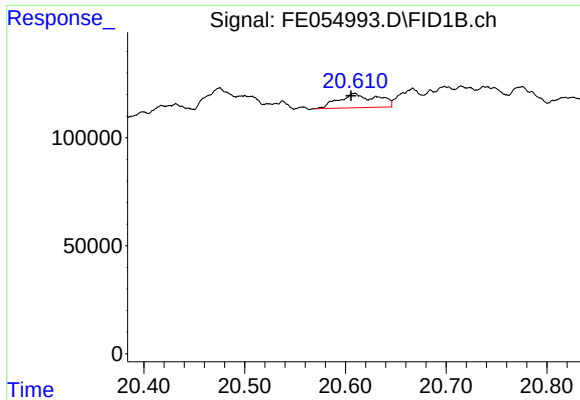
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 338152
Conc: 2.09 ug/ml



#19 n-Tetratriacontane (C34)

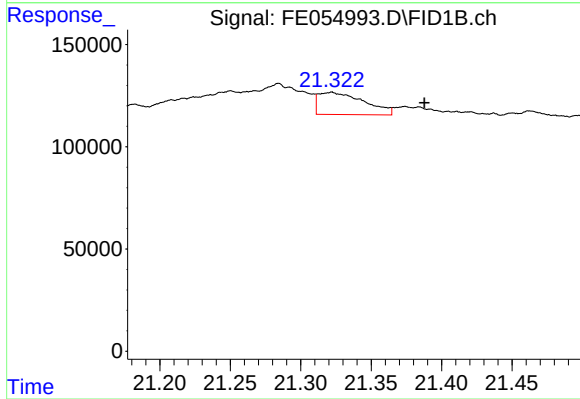
R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 123775
Conc: 0.81 ug/ml



#20 n-Hexatriacontane (C36)

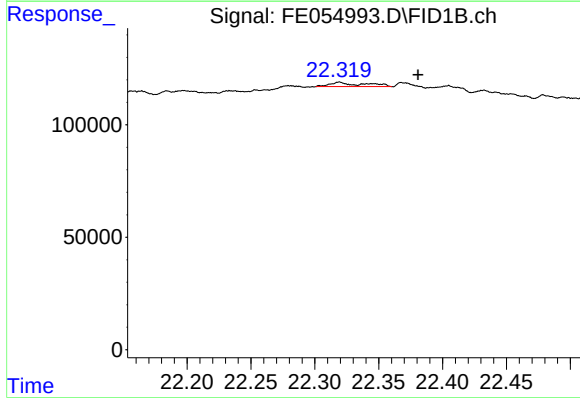
R.T.: 20.609 min
Delta R.T.: 0.003 min
Response: 172156
Conc: 1.28 ug/ml

Instrument :
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ClientSampleId :
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#21 n-Octatriacontane (C38)

R.T.: 21.321 min
Delta R.T.: -0.067 min
Response: 245135
Conc: 2.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.319 min
Delta R.T.: -0.061 min
Response: 34665
Conc: 0.32 ug/ml