

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054991.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 16:53
 Operator : YP\AJ
 Sample : Q2668-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-3-EPH

Integration File: autoint1.e
 Quant Time: Jul 24 04:34:01 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)	12.085	4630672	28.515 ug/ml
Spiked Amount 50.000		Recovery =	57.03%
12) S 1-chlorooctadecane (S...	13.521	3675176	29.100 ug/ml
Spiked Amount 50.000		Recovery =	58.20%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.401	21930	0.145 ug/ml
10) T n-Eicosane (C20)	13.069	37509	0.261 ug/ml
11) T n-Heneicosane (C21)	13.688	11431	0.080 ug/ml
13) T n-Docosane (C22)	14.292	82583	0.578 ug/ml
14) T n-Tetracosane (C24)	15.370	84955	0.584 ug/ml
15) T n-Hexacosane (C26)	16.398	37148	0.257 ug/ml
16) T n-Octacosane (C28)	17.359	119262	0.818 ug/ml
17) T n-Tricontane (C30)	18.253	357619	2.269 ug/ml
18) T n-Dotriacontane (C32)	19.081	201722	1.247 ug/ml
19) T n-Tetratriacontane (C34)	19.861	165278	1.085 ug/ml
20) T n-Hexatriacontane (C36)	20.595	100975	0.751 ug/ml
21) T n-Octatriacontane (C38)	21.391	87160	0.743 ug/ml
22) T n-Tetracontane (C40)	22.375	86817	0.801 ug/ml

(f)=RT Delta > 1/2 Window

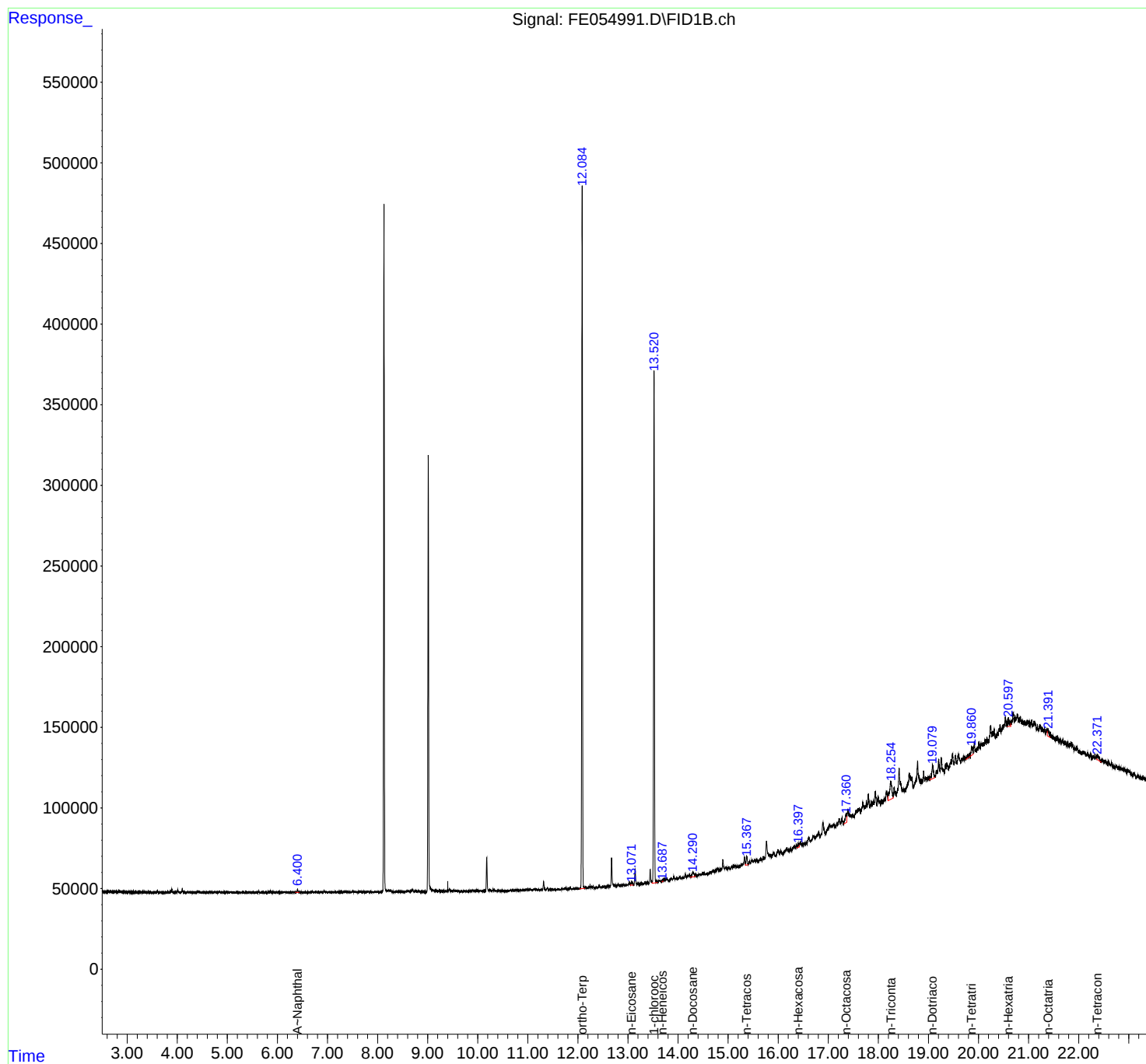
(m)=manual int.

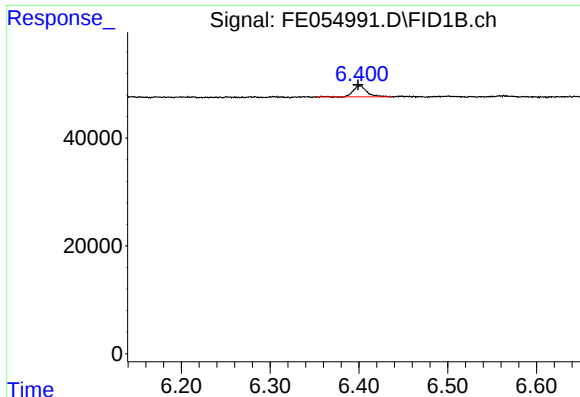
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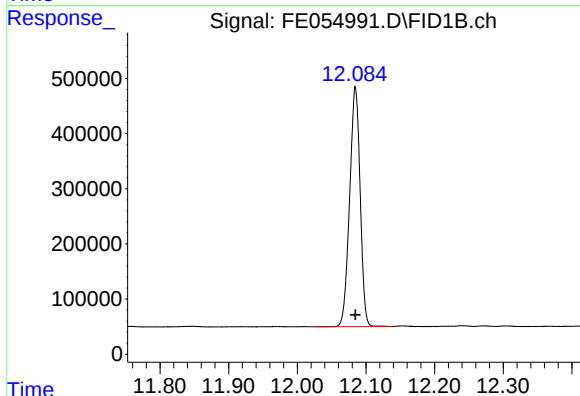




#3 A~Naphthalene (C11.7)

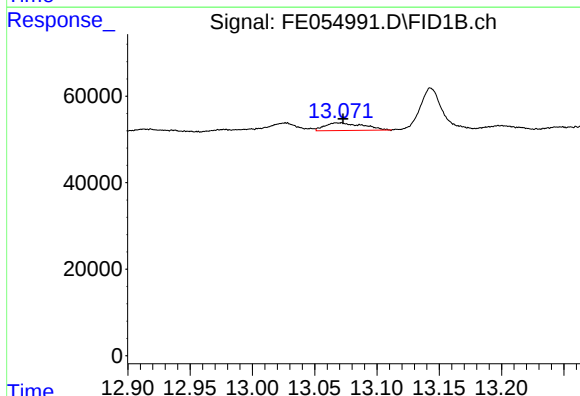
R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 21930
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3-EPH



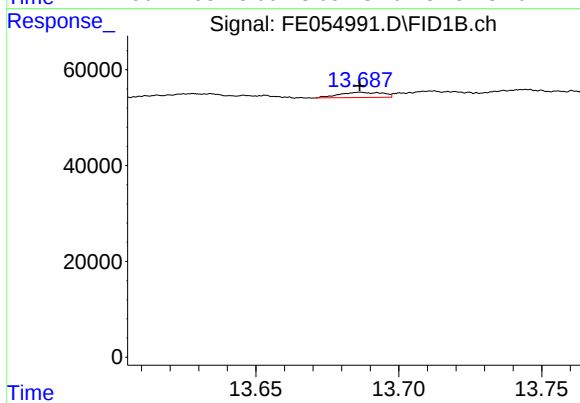
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 4630672
Conc: 28.52 ug/ml



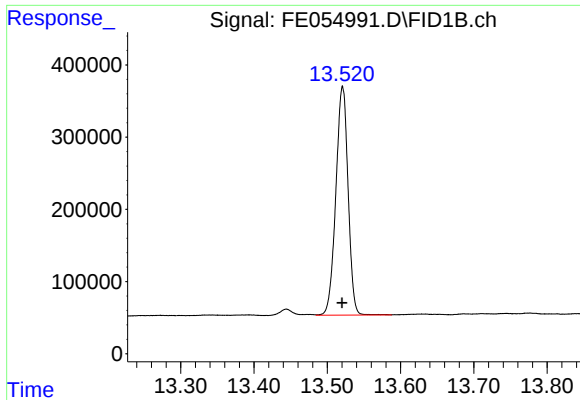
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 37509
Conc: 0.26 ug/ml



#11 n-Heneicosane (C21)

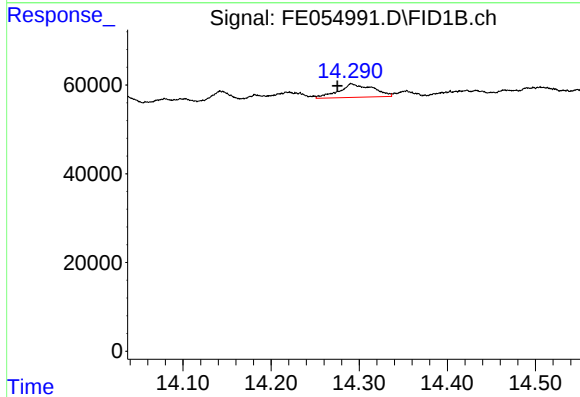
R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 11431
Conc: 0.08 ug/ml



#12 1-chlorooctadecane (SURR)

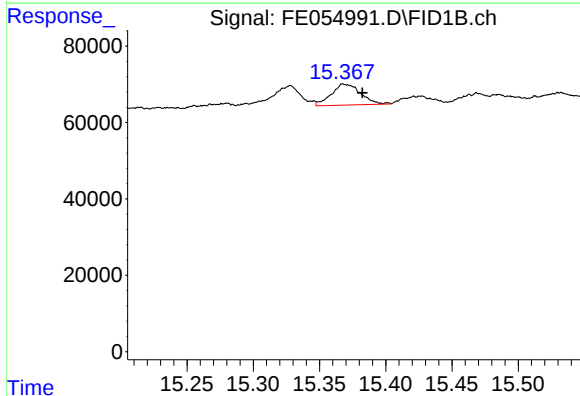
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 3675176
Conc: 29.10 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3-EPH



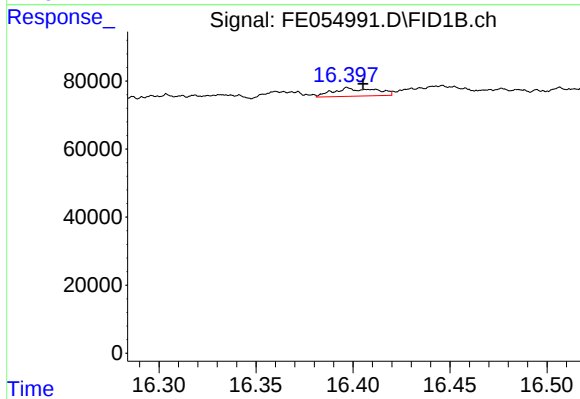
#13 n-Docosane (C22)

R.T.: 14.292 min
Delta R.T.: 0.017 min
Response: 82583
Conc: 0.58 ug/ml



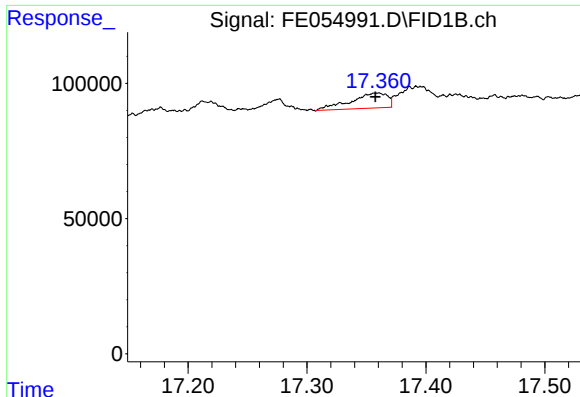
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.013 min
Response: 84955
Conc: 0.58 ug/ml



#15 n-Hexacosane (C26)

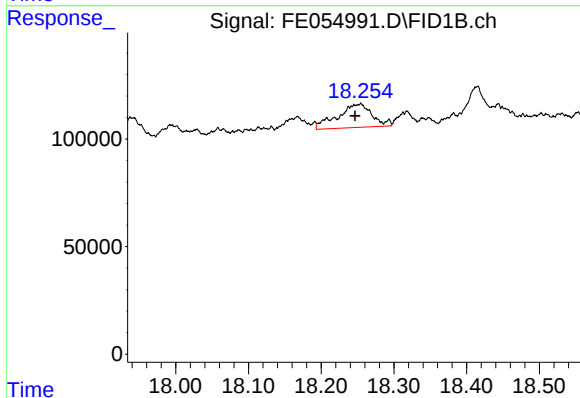
R.T.: 16.398 min
Delta R.T.: -0.007 min
Response: 37148
Conc: 0.26 ug/ml



#16 n-Octacosane (C28)

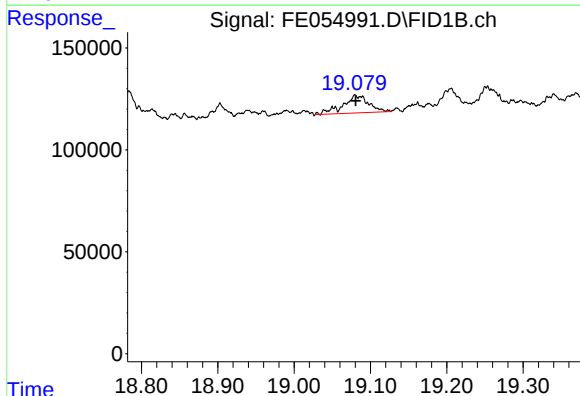
R.T.: 17.359 min
Delta R.T.: 0.001 min
Response: 119262
Conc: 0.82 ug/ml

Instrument :
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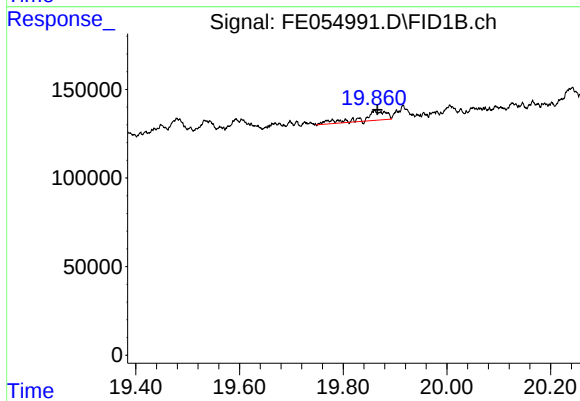
#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.007 min
Response: 357619
Conc: 2.27 ug/ml



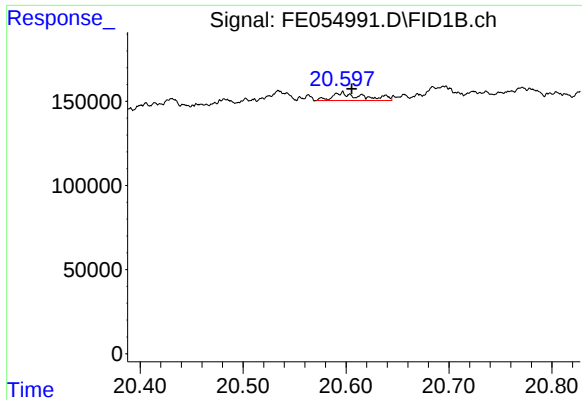
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 201722
Conc: 1.25 ug/ml



#19 n-Tetratriacontane (C34)

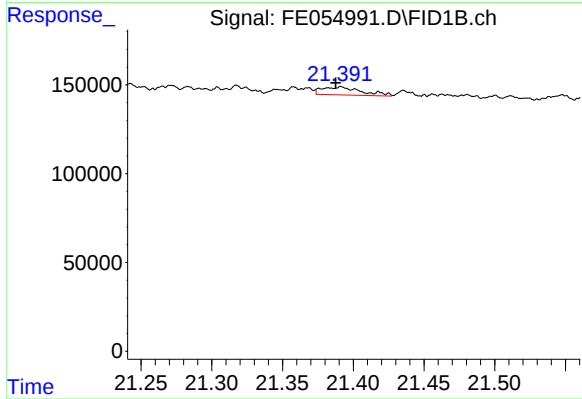
R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 165278
Conc: 1.08 ug/ml



#20 n-Hexatriacontane (C36)

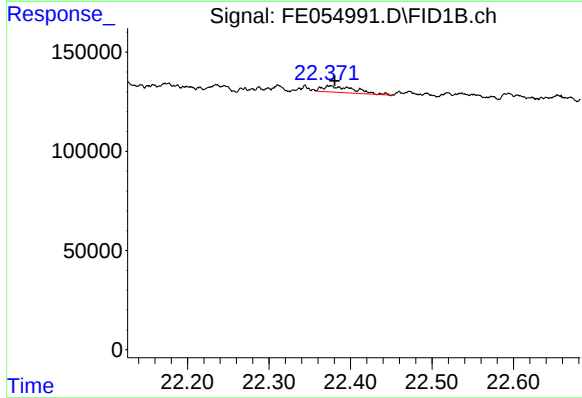
R.T.: 20.595 min
Delta R.T.: -0.010 min
Response: 100975
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3-EPH



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.003 min
Response: 87160
Conc: 0.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: -0.006 min
Response: 86817
Conc: 0.80 ug/ml