

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054921.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 12:24
 Operator : YP\AJ
 Sample : PB168910BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168910BL

Integration File: autoint1.e
 Quant Time: Jul 18 23:09:38 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)	12.092	6076808	37.420 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
12) S 1-chlorooctadecane (S...	13.528	4734570	37.489 ug/ml
Spiked Amount 50.000		Recovery =	74.98%
Target Compounds			
8) T n-Octadecane (C18)	11.759	29355	0.200 ug/ml
10) T n-Eicosane (C20)	13.076	29065	0.202 ug/ml
11) T n-Heneicosane (C21)	13.692	29449	0.206 ug/ml
13) T n-Docosane (C22)	14.279	27972	0.196 ug/ml
14) T n-Tetracosane (C24)	15.382	33838	0.233 ug/ml
15) T n-Hexacosane (C26)	16.409	23066	0.159 ug/ml
16) T n-Octacosane (C28)	17.361	49070	0.337 ug/ml
17) T n-Tricontane (C30)	18.250	74419	0.472 ug/ml
18) T n-Dotriacontane (C32)	19.085	116808	0.722 ug/ml
19) T n-Tetratriacontane (C34)	19.869	93876	0.616 ug/ml
20) T n-Hexatriacontane (C36)	20.611	72337	0.538 ug/ml
21) T n-Octatriacontane (C38)	21.394	172720	1.473 ug/ml

(f)=RT Delta > 1/2 Window

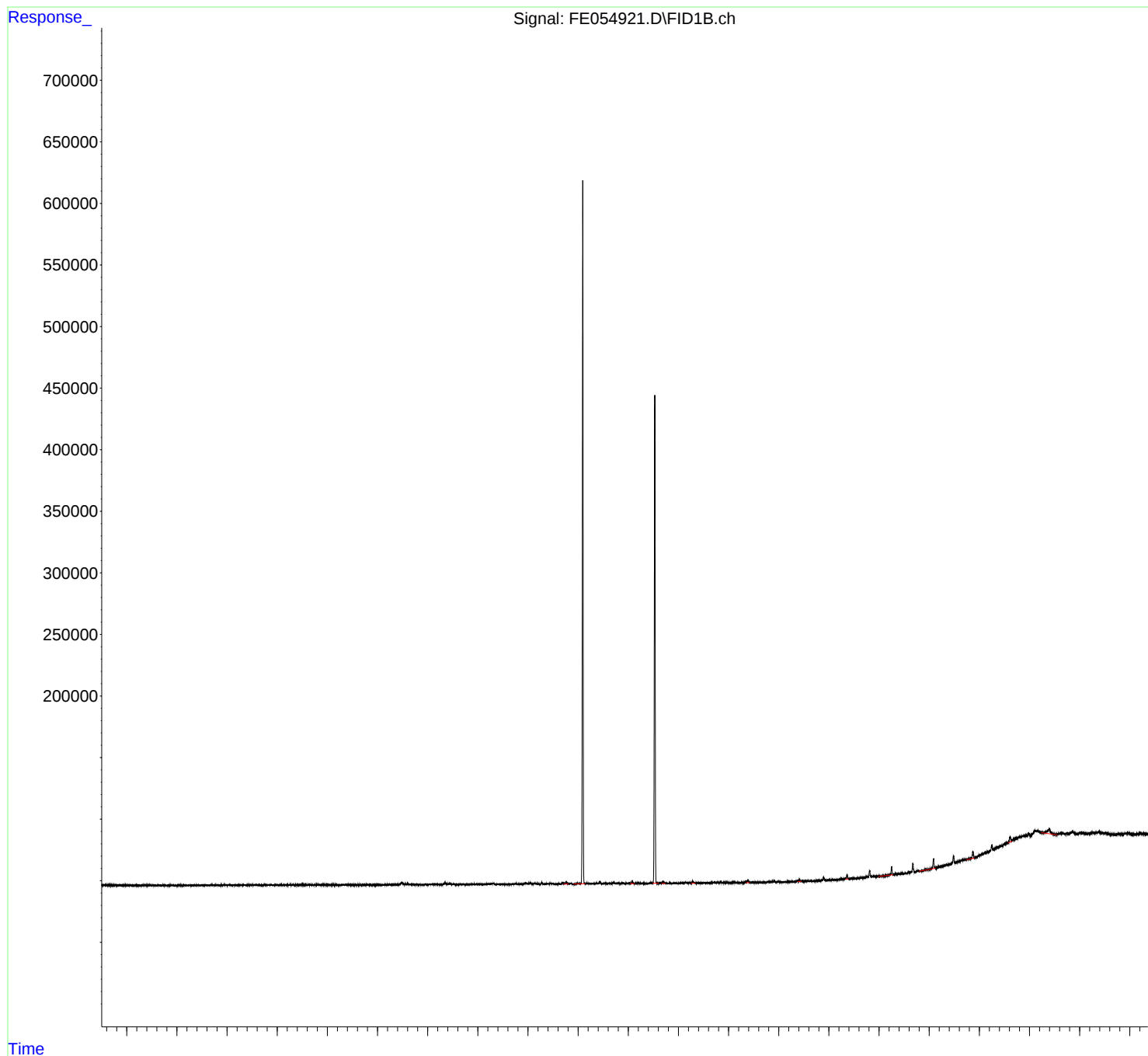
(m)=manual int.

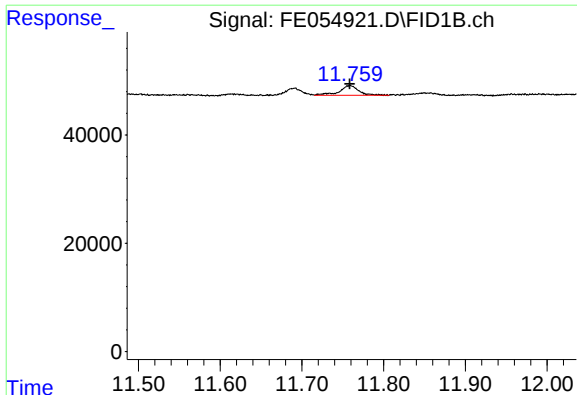
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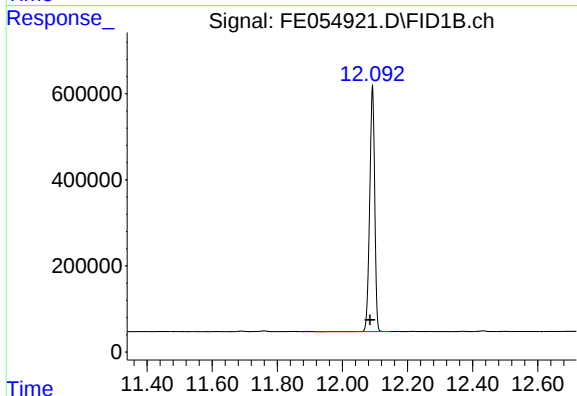




#8 n-Octadecane (C18)

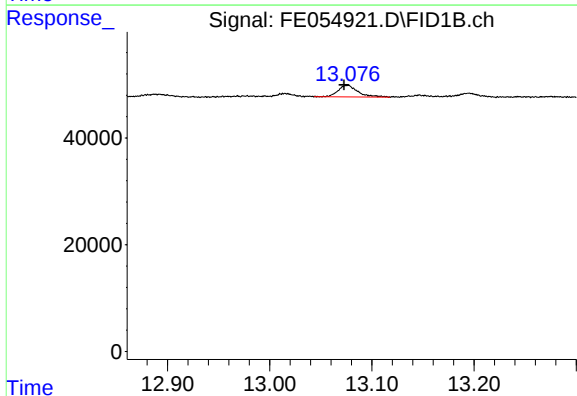
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 29355
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168910BL



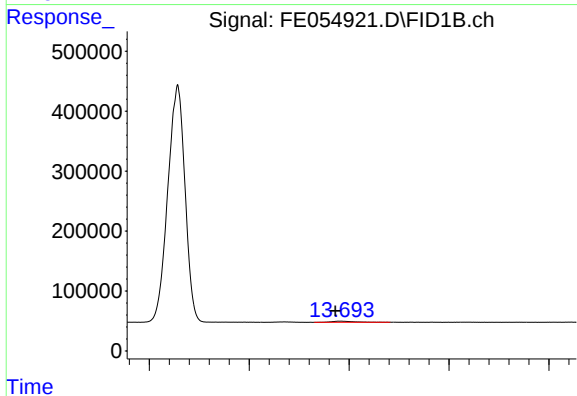
#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.008 min
Response: 6076808
Conc: 37.42 ug/ml



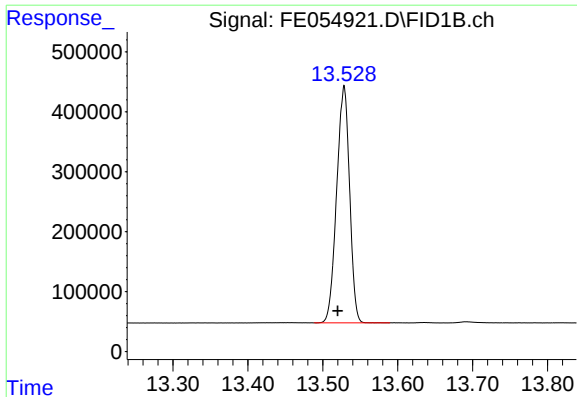
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 29065
Conc: 0.20 ug/ml



#11 n-Heneicosane (C21)

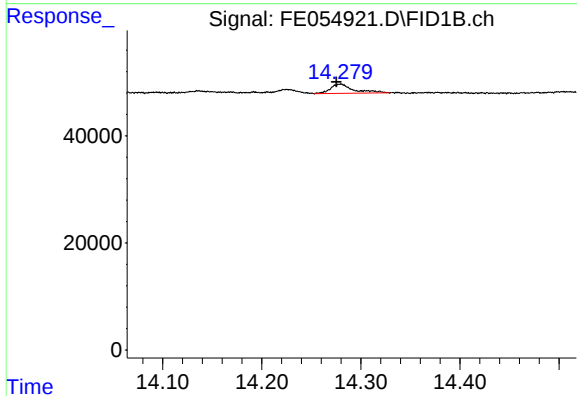
R.T.: 13.692 min
Delta R.T.: 0.005 min
Response: 29449
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

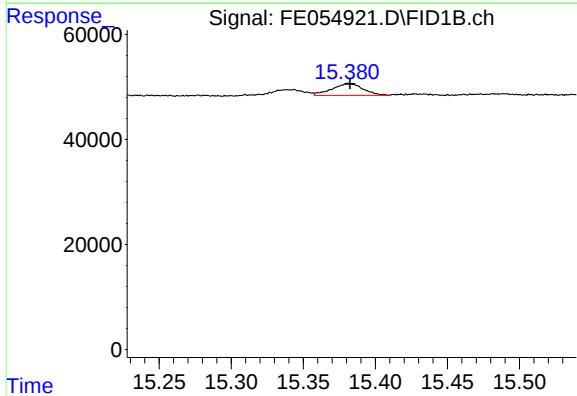
R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 4734570
Conc: 37.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168910BL



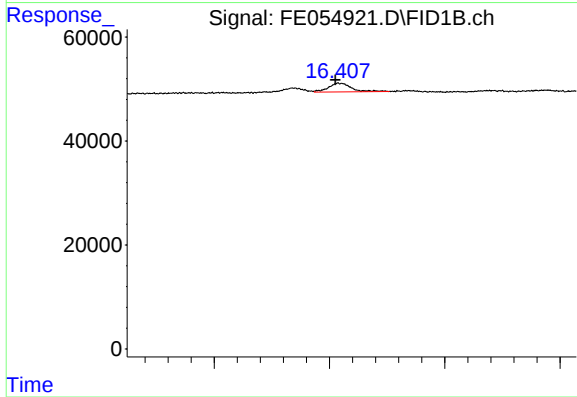
#13 n-Docosane (C22)

R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 27972
Conc: 0.20 ug/ml



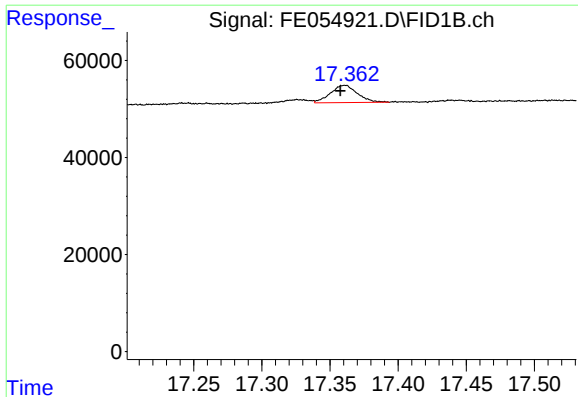
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 33838
Conc: 0.23 ug/ml



#15 n-Hexacosane (C26)

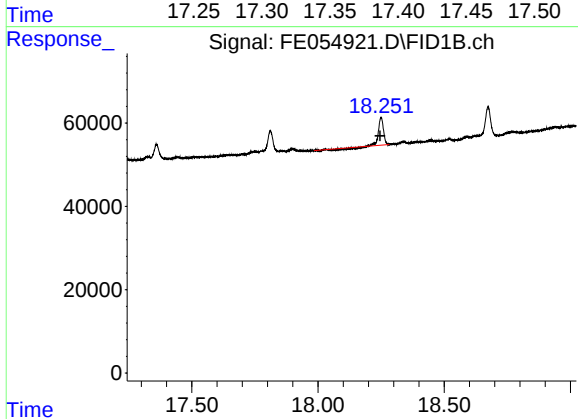
R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 23066
Conc: 0.16 ug/ml



#16 n-Octacosane (C28)

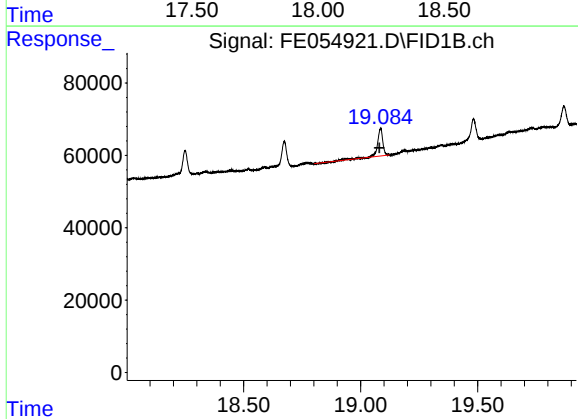
R.T.: 17.361 min
Delta R.T.: 0.003 min
Response: 49070
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168910BL



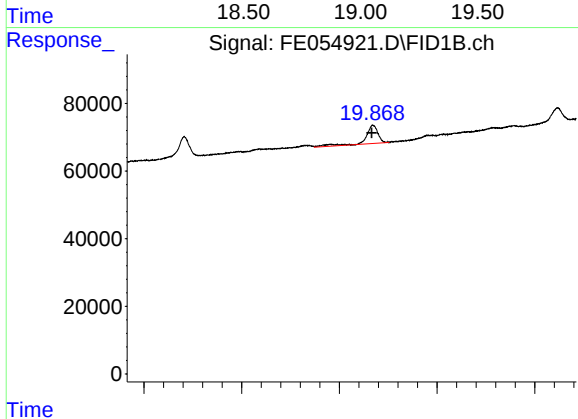
#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 74419
Conc: 0.47 ug/ml



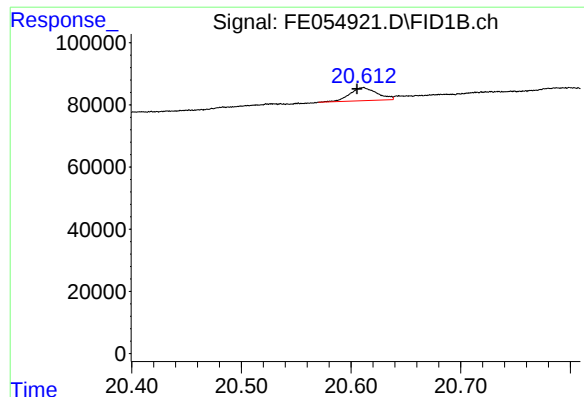
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 116808
Conc: 0.72 ug/ml



#19 n-Tetratriacontane (C34)

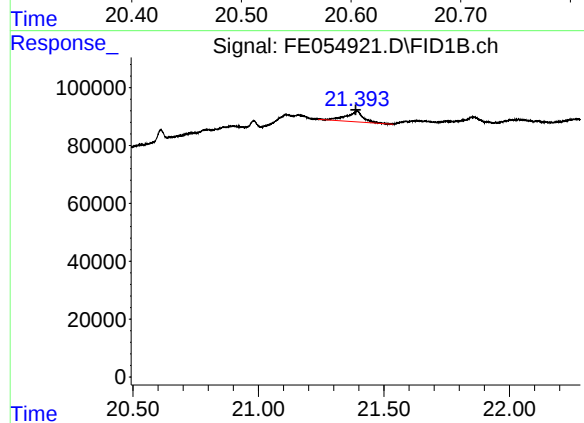
R.T.: 19.869 min
Delta R.T.: 0.003 min
Response: 93876
Conc: 0.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.005 min
Response: 72337
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168910BL



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.006 min
Response: 172720
Conc: 1.47 ug/ml