

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054959.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 14:43
 Operator : YP\AJ
 Sample : Q2649-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1

Integration File: autoint1.e
 Quant Time: Jul 23 04:29:41 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)	12.093	3888197	23.943 ug/ml
Spiked Amount 50.000		Recovery =	47.89%
12) S 1-chlorooctadecane (S...	13.528	3187366	25.238 ug/ml
Spiked Amount 50.000		Recovery =	50.48%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.408	19876	0.131 ug/ml
8) T n-Octadecane (C18)	11.756	64113	0.437 ug/ml
10) T n-Eicosane (C20)	13.075	149094	1.037 ug/ml
11) T n-Heneicosane (C21)	13.693	38886	0.272 ug/ml
13) T n-Docosane (C22)	14.280	80400	0.563 ug/ml
14) T n-Tetracosane (C24)	15.380	713595	4.909 ug/ml
15) T n-Hexacosane (C26)	16.412	31890	0.220 ug/ml
16) T n-Octacosane (C28)	17.385	211384	1.450 ug/ml
17) T n-Tricontane (C30)	18.253	223908	1.421 ug/ml
18) T n-Dotriacontane (C32)	19.088	168720	1.043 ug/ml
19) T n-Tetratriacontane (C34)	19.872	104866	0.688 ug/ml
20) T n-Hexatriacontane (C36)	20.614	60876	0.453 ug/ml
21) T n-Octatriacontane (C38)	21.397	219889	1.875 ug/ml
22) T n-Tetracontane (C40)	22.393	55811	0.515 ug/ml

(f)=RT Delta > 1/2 Window

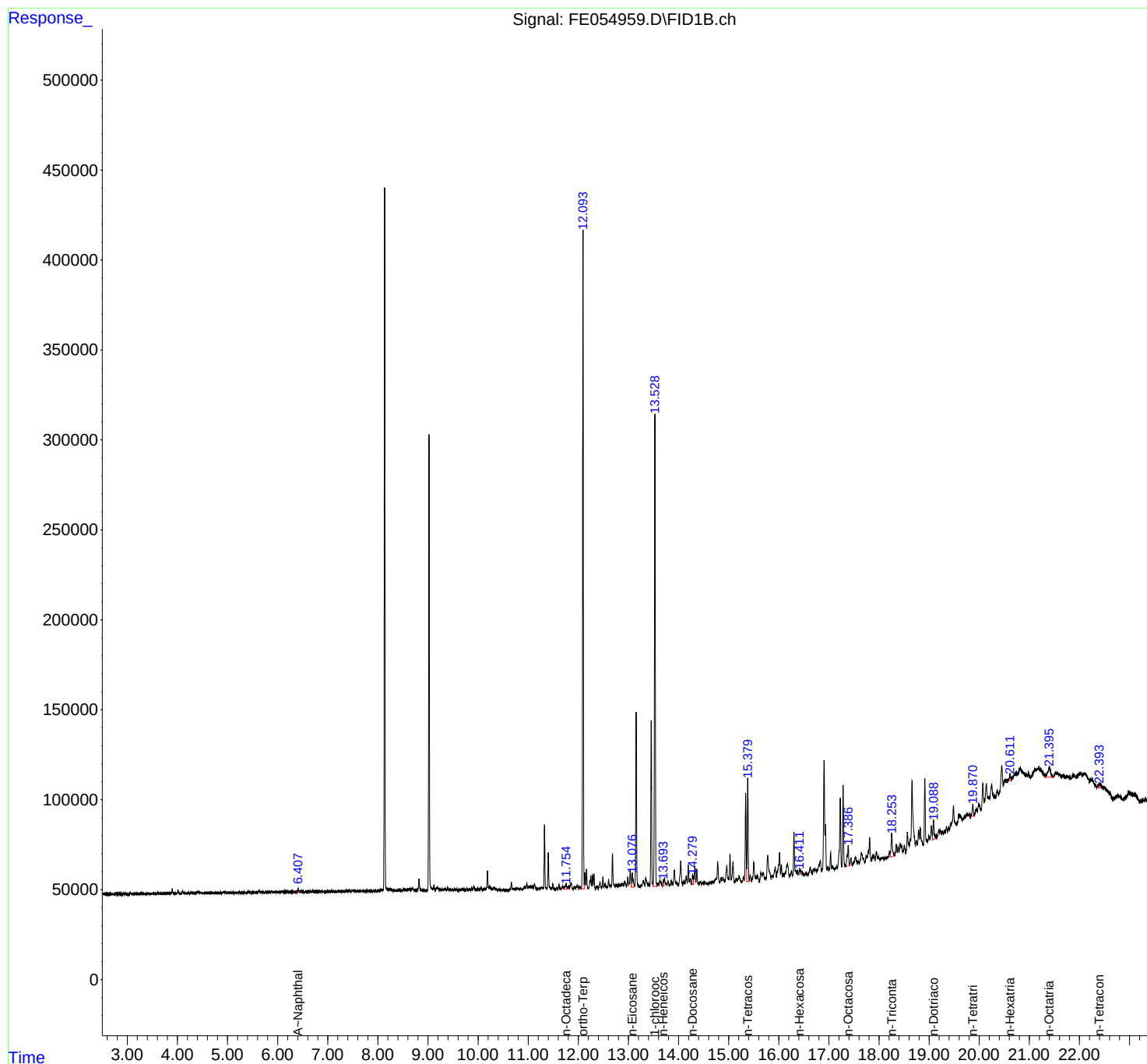
(m)=manual int.

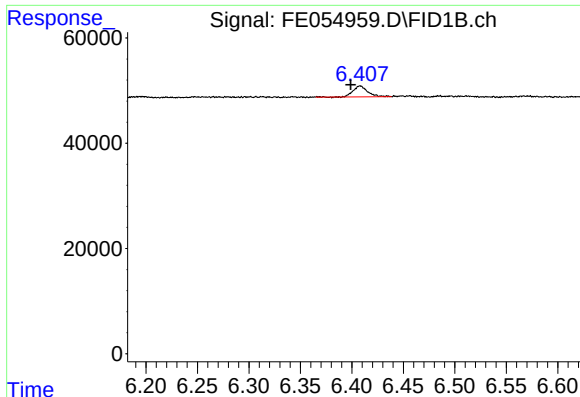
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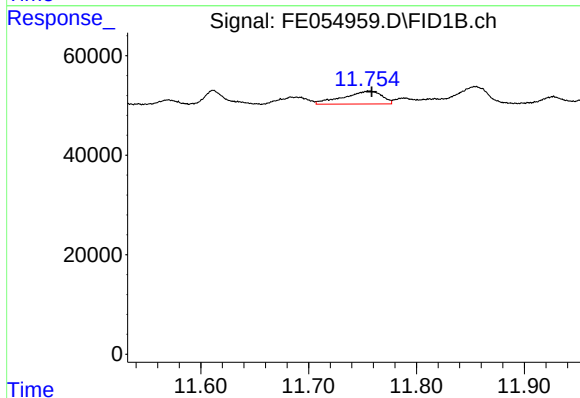




#3 A~Naphthalene (C11.7)

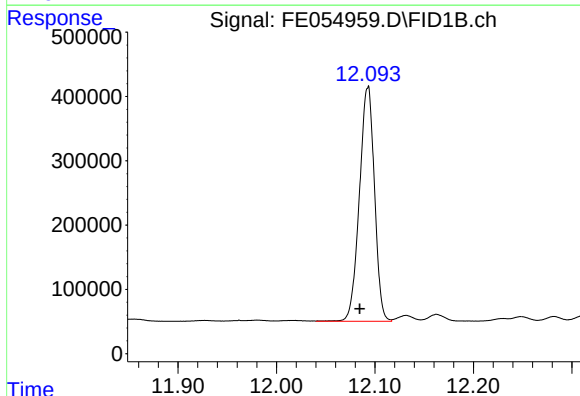
R.T.: 6.408 min
Delta R.T.: 0.009 min
Response: 19876
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1



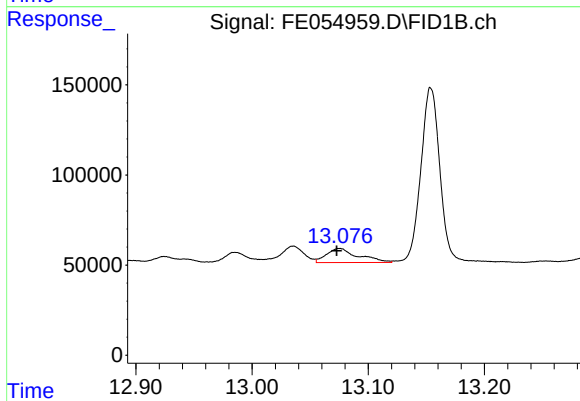
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 64113
Conc: 0.44 ug/ml



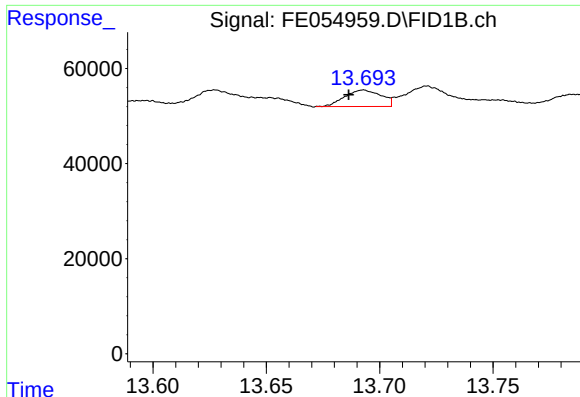
#9 ortho-Terphenyl (SURR)

R.T.: 12.093 min
Delta R.T.: 0.008 min
Response: 3888197
Conc: 23.94 ug/ml



#10 n-Eicosane (C20)

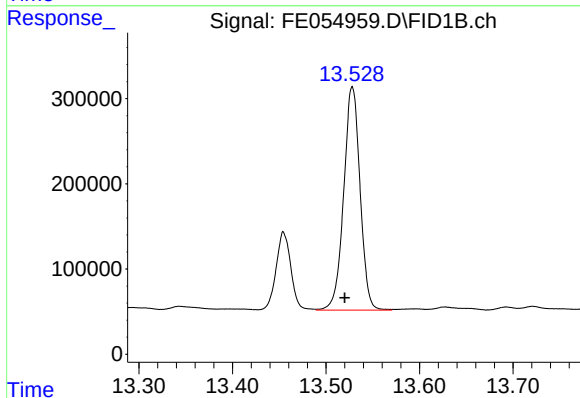
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 149094
Conc: 1.04 ug/ml



#11 n-Heneicosane (C21)

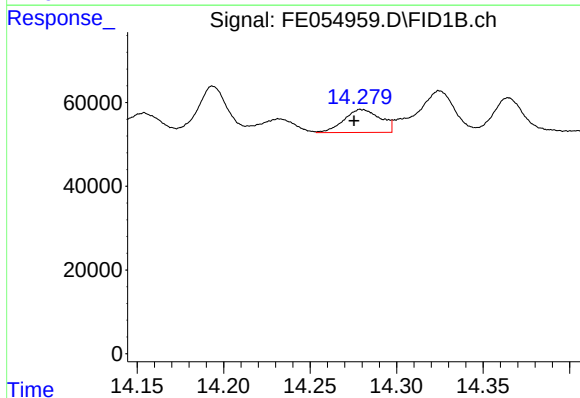
R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 38886
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1



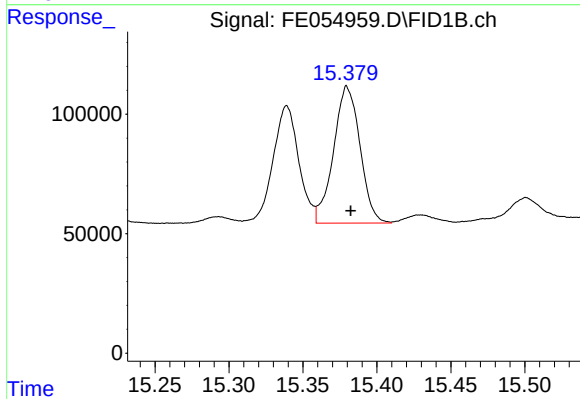
#12 1-chlorooctadecane (SURR)

R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 3187366
Conc: 25.24 ug/ml



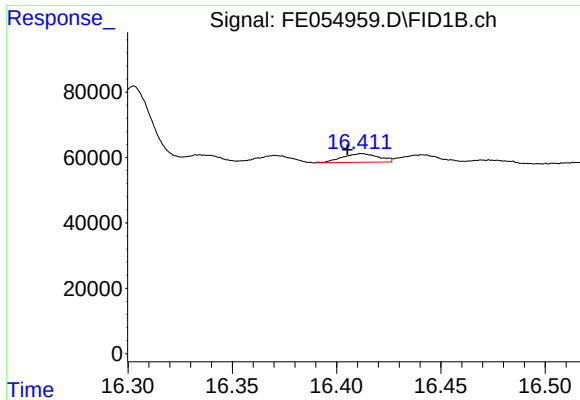
#13 n-Docosane (C22)

R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 80400
Conc: 0.56 ug/ml



#14 n-Tetracosane (C24)

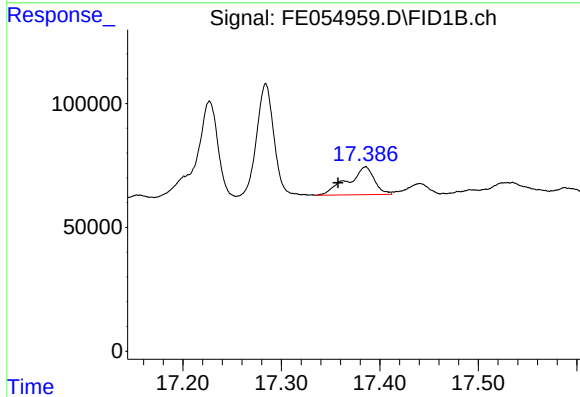
R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 713595
Conc: 4.91 ug/ml



#15 n-Hexacosane (C26)

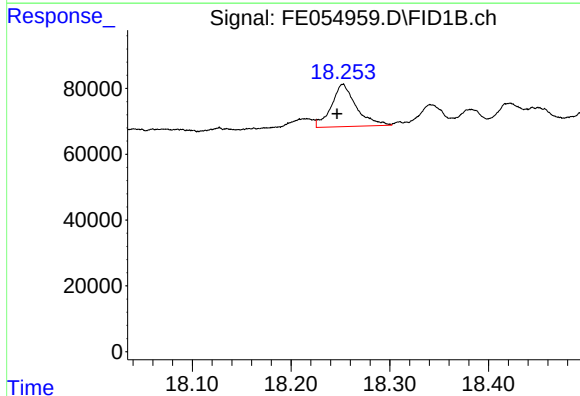
R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 31890
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1



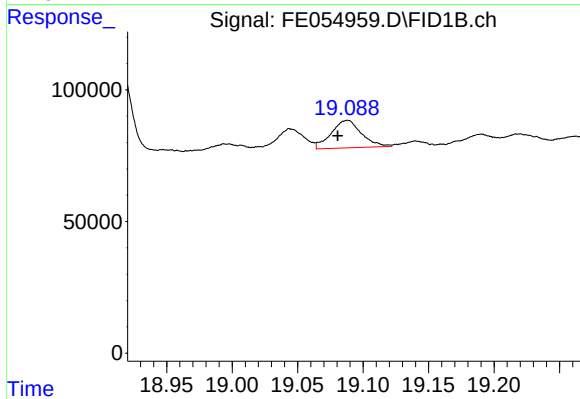
#16 n-Octacosane (C28)

R.T.: 17.385 min
Delta R.T.: 0.028 min
Response: 211384
Conc: 1.45 ug/ml



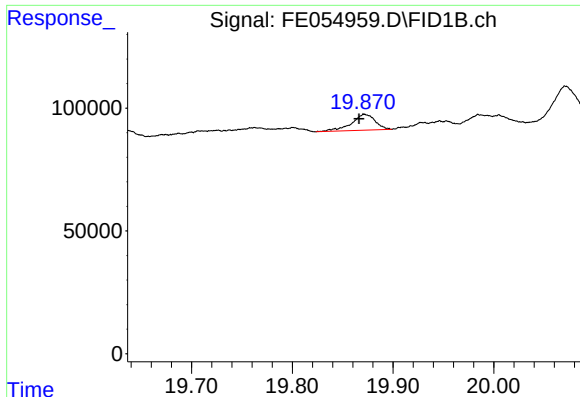
#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.006 min
Response: 223908
Conc: 1.42 ug/ml



#18 n-Dotriacontane (C32)

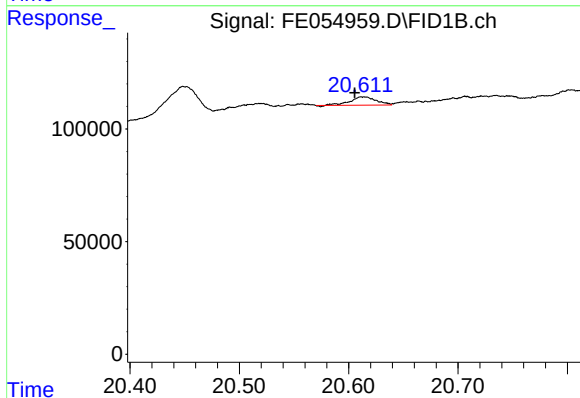
R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 168720
Conc: 1.04 ug/ml



#19 n-Tetratriacontane (C34)

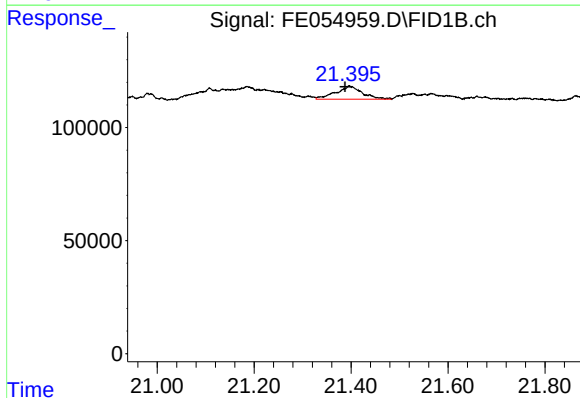
R.T.: 19.872 min
Delta R.T.: 0.006 min
Response: 104866
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1



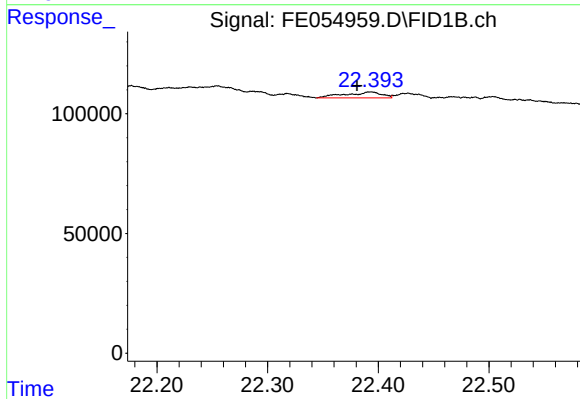
#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 60876
Conc: 0.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.010 min
Response: 219889
Conc: 1.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.393 min
Delta R.T.: 0.012 min
Response: 55811
Conc: 0.51 ug/ml