

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072425AL\
 Data File : FE055010.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2025 09:22
 Operator : YP\AJ
 Sample : Q2668-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2-EPHDL

Integration File: autoint1.e
 Quant Time: Jul 25 02:19:21 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)	12.091	2213049	13.628 ug/ml
Spiked Amount 50.000		Recovery =	27.26%
12) S 1-chlorooctadecane (S...	13.527	1742892	13.800 ug/ml
Spiked Amount 50.000		Recovery =	27.60%
Target Compounds			
13) T n-Docosane (C22)	14.306	37466	0.262 ug/ml
14) T n-Tetracosane (C24)	15.383	41290	0.284 ug/ml
15) T n-Hexacosane (C26)	16.412	37805	0.261 ug/ml
16) T n-Octacosane (C28)	17.366	73501	0.504 ug/ml
17) T n-Tricontane (C30)	18.256	259670	1.648 ug/ml
18) T n-Dotriacontane (C32)	19.088	170939	1.057 ug/ml
19) T n-Tetratriacontane (C34)	19.874	97949	0.643 ug/ml
20) T n-Hexatriacontane (C36)	20.616	113502	0.844 ug/ml
21) T n-Octatriacontane (C38)	21.390	221225	1.886 ug/ml
22) T n-Tetracontane (C40)	22.392	80051	0.739 ug/ml

(f)=RT Delta > 1/2 Window

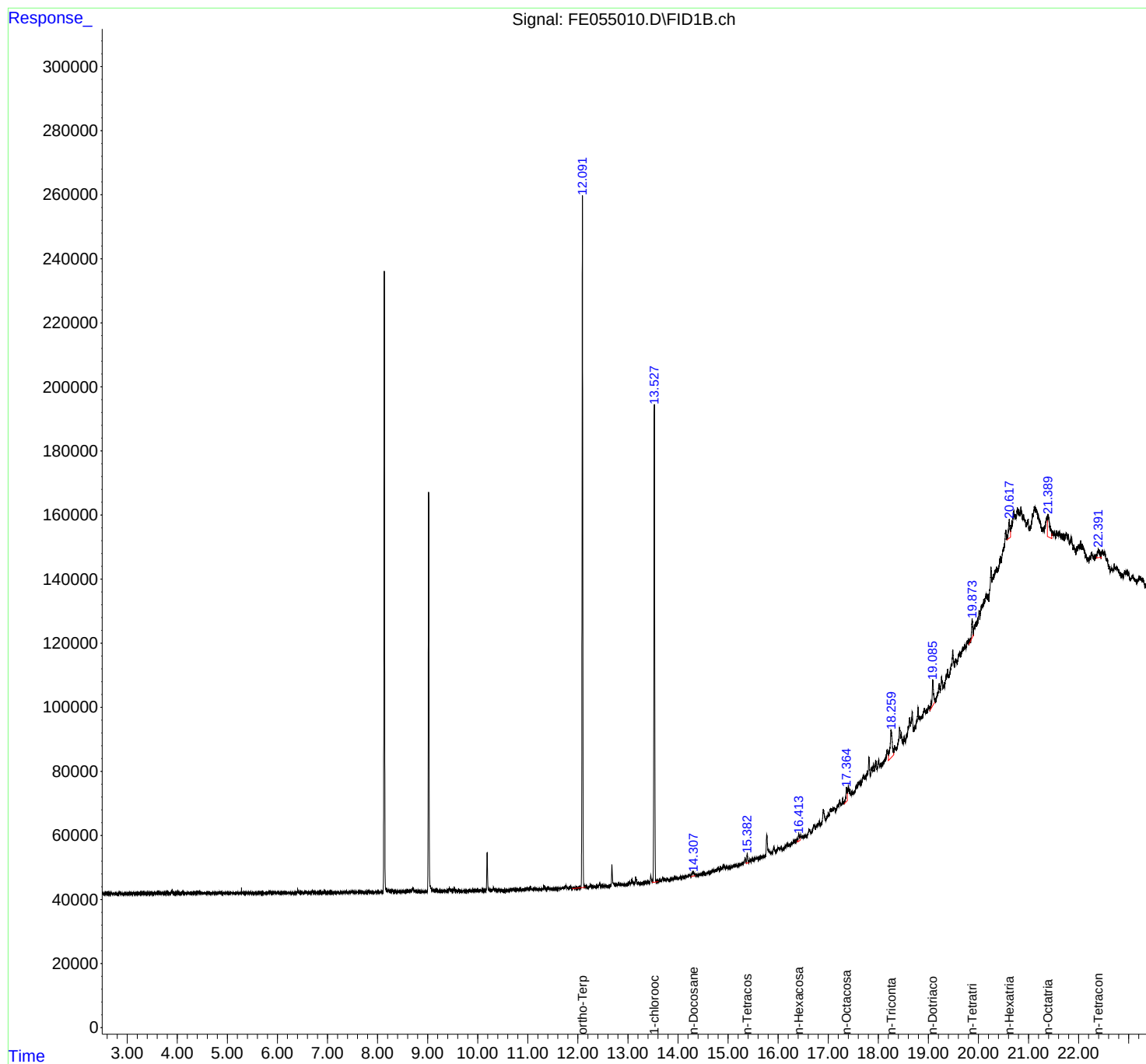
(m)=manual int.

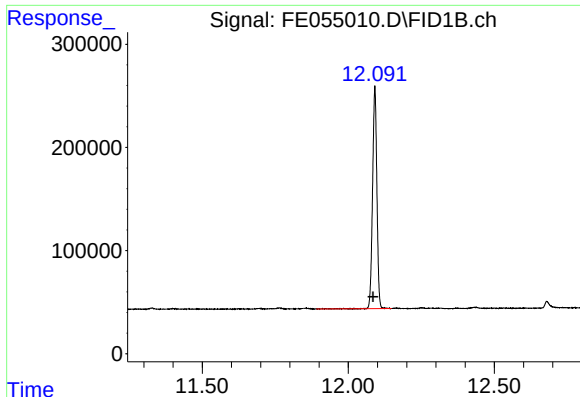
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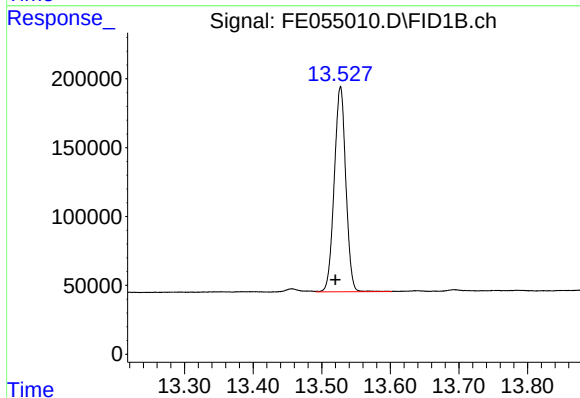




#9 ortho-Terphenyl (SURR)

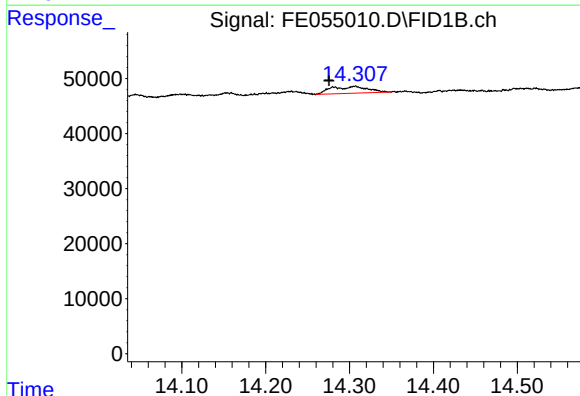
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 2213049
Conc: 13.63 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPHDL



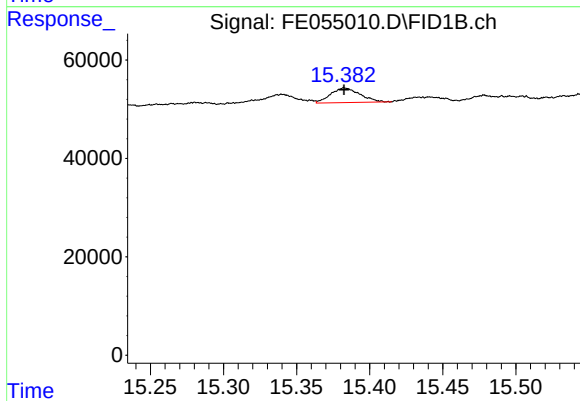
#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 1742892
Conc: 13.80 ug/ml



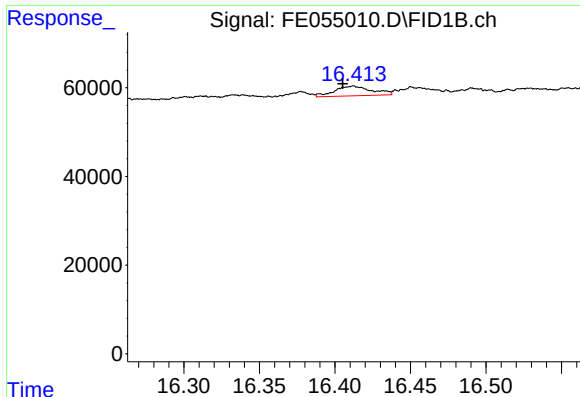
#13 n-Docosane (C22)

R.T.: 14.306 min
Delta R.T.: 0.031 min
Response: 37466
Conc: 0.26 ug/ml



#14 n-Tetracosane (C24)

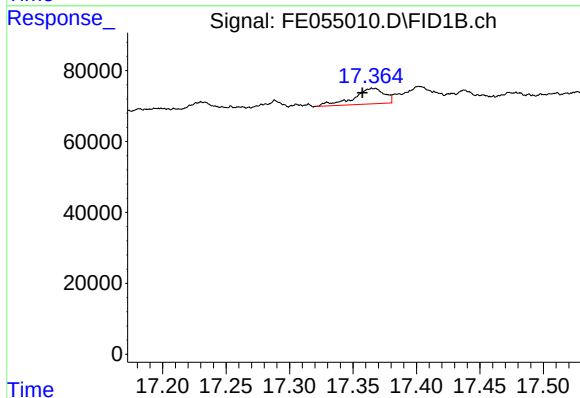
R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 41290
Conc: 0.28 ug/ml



#15 n-Hexacosane (C26)

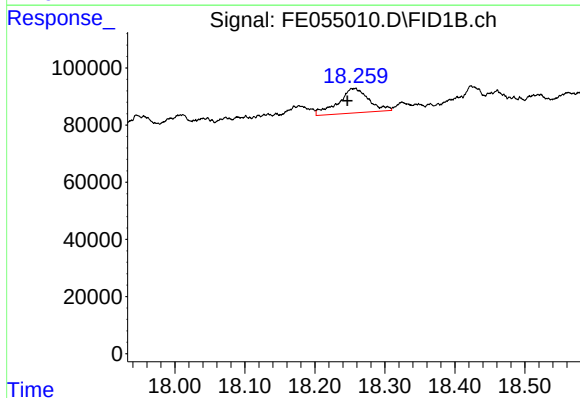
R.T.: 16.412 min
Delta R.T.: 0.006 min
Response: 37805
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPHDL



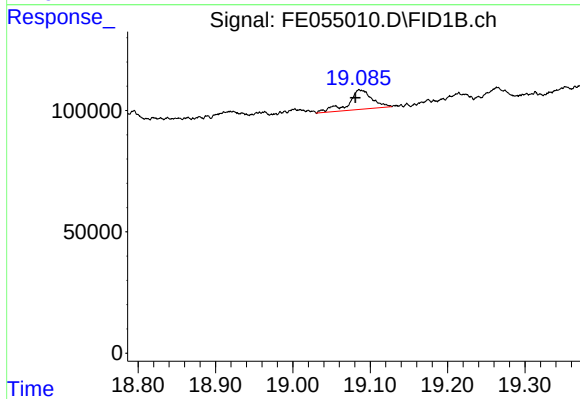
#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: 0.008 min
Response: 73501
Conc: 0.50 ug/ml



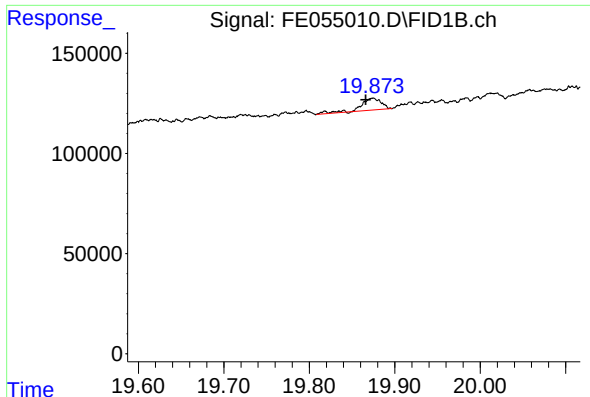
#17 n-Tricontane (C30)

R.T.: 18.256 min
Delta R.T.: 0.009 min
Response: 259670
Conc: 1.65 ug/ml



#18 n-Dotriacontane (C32)

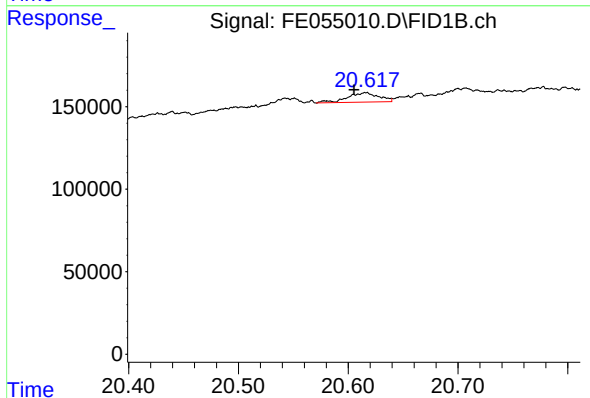
R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 170939
Conc: 1.06 ug/ml



#19 n-Tetratriacontane (C34)

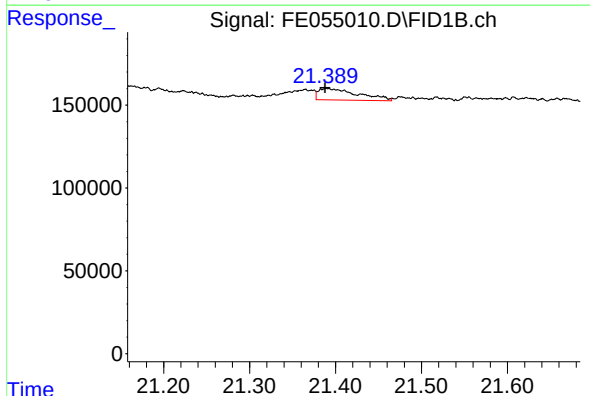
R.T.: 19.874 min
Delta R.T.: 0.008 min
Response: 97949
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPHDL



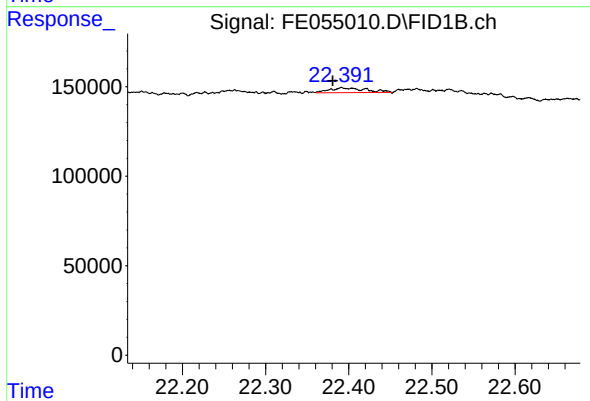
#20 n-Hexatriacontane (C36)

R.T.: 20.616 min
Delta R.T.: 0.010 min
Response: 113502
Conc: 0.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.002 min
Response: 221225
Conc: 1.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 80051
Conc: 0.74 ug/ml