

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051525AL\
 Data File : FE053861.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2025 23:13
 Operator : YP\AJ
 Sample : Q2043-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 02:06:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.855	8352752	51.398 ug/ml
Spiked Amount 50.000		Recovery =	102.80%
12) S 1-chlorooctadecane (S...	13.301	7461289	62.938 ug/ml
Spiked Amount 50.000		Recovery =	125.88%
Target Compounds			
4) T n-Dodecane (C12)	6.656	1254451	9.196 ug/ml
5) T A~2-methylnaphthalene...	7.277	135549	0.977 ug/ml
7) T n-Hexadecane (C16)	10.091	120851	0.896 ug/ml
8) T n-Octadecane (C18)	11.537	100762	0.748 ug/ml
10) T n-Eicosane (C20)	12.849	199966	1.521 ug/ml
14) T n-Tetracosane (C24)	15.203	190637	1.524 ug/ml
15) T n-Hexacosane (C26)	16.238f	723115	5.905 ug/ml
16) T n-Octacosane (C28)	17.165	1050153	8.639 ug/ml
17) T n-Tricontane (C30)	18.022	598463	4.804 ug/ml
18) T n-Dotriacontane (C32)	18.850	311497	2.491 ug/ml
19) T n-Tetratriacontane (C34)	19.675	842561	7.073 ug/ml
20) T n-Hexatriacontane (C36)	20.370	191771	1.656 ug/ml
21) T n-Octatriacontane (C38)	21.071	568582	5.225 ug/ml

(f)=RT Delta > 1/2 Window

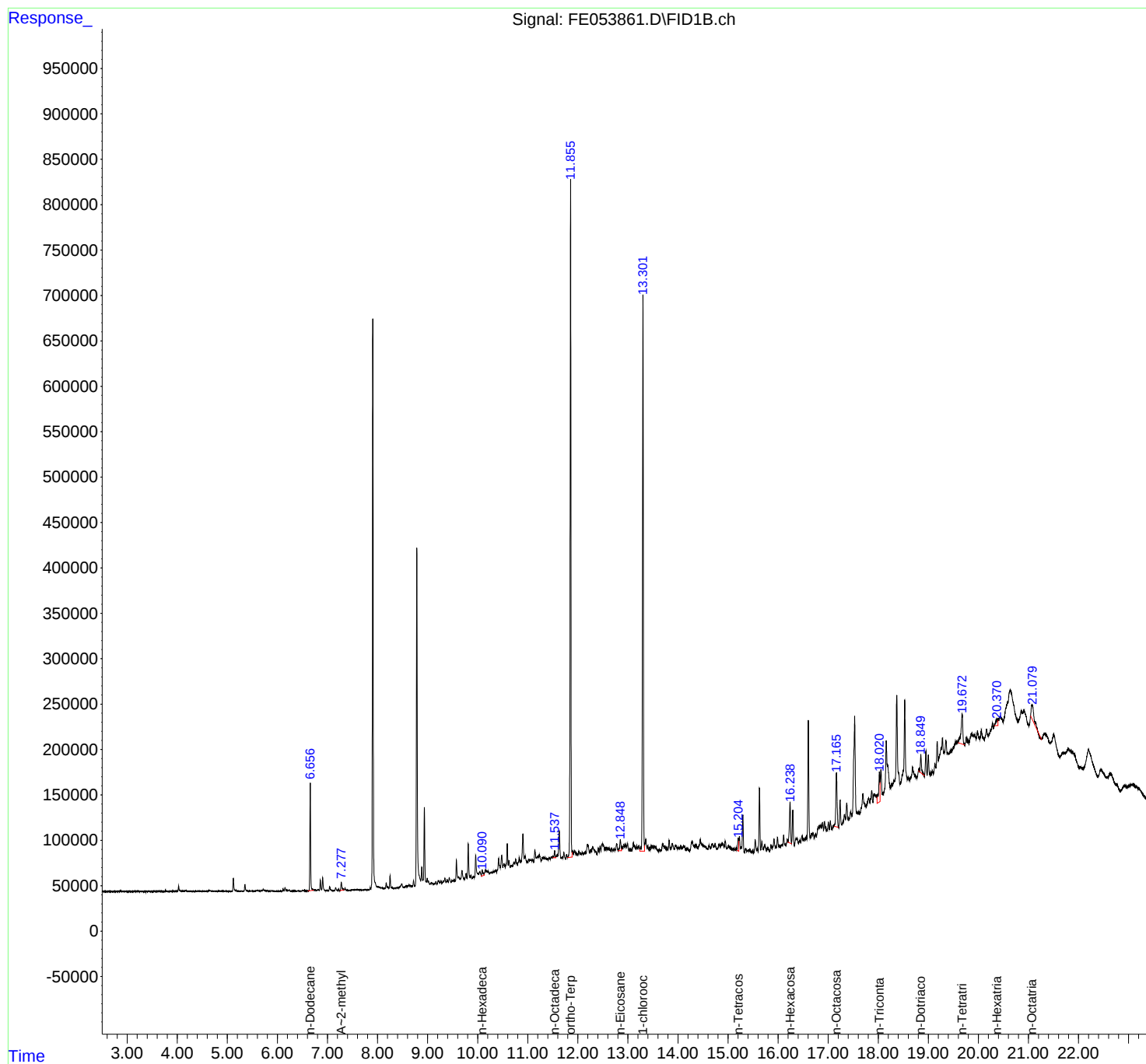
(m)=manual int.

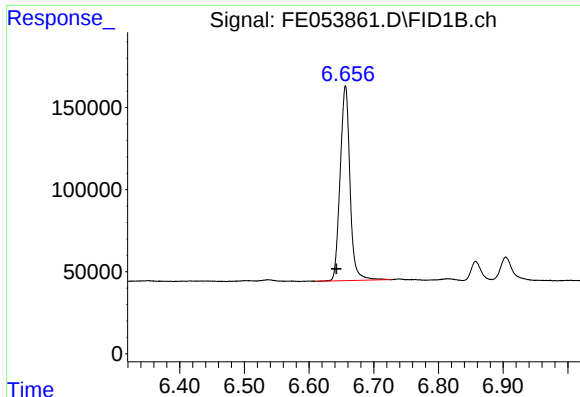
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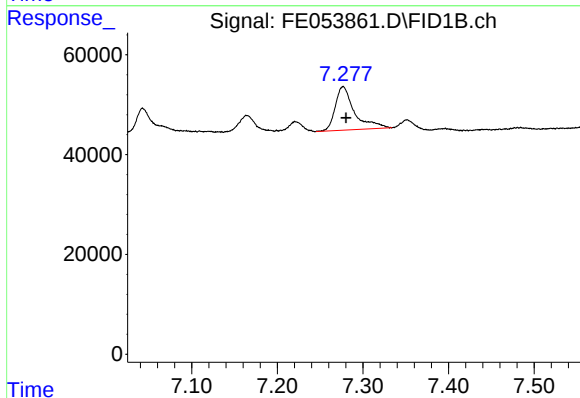




#4 n-Dodecane (C12)

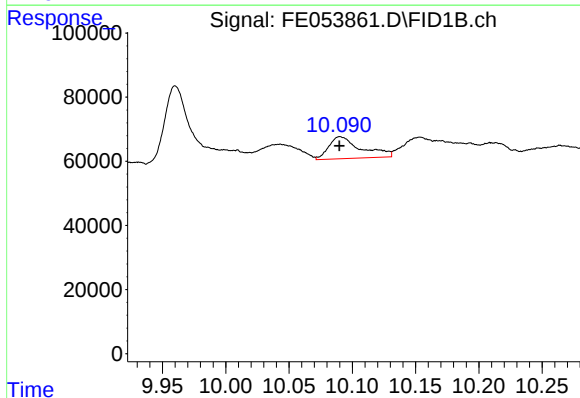
R.T.: 6.656 min
Delta R.T.: 0.014 min
Response: 1254451
Conc: 9.20 ug/ml

Instrument :
FID_E
ClientSampleId :



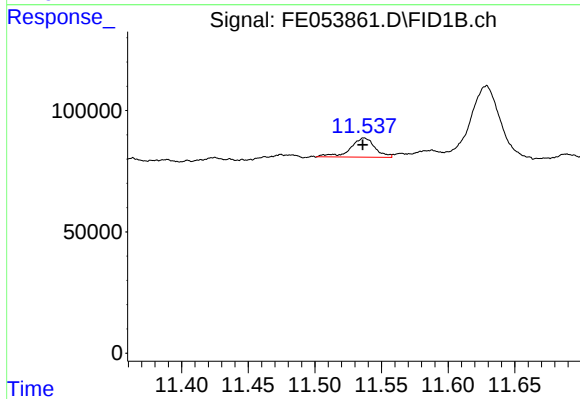
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 135549
Conc: 0.98 ug/ml



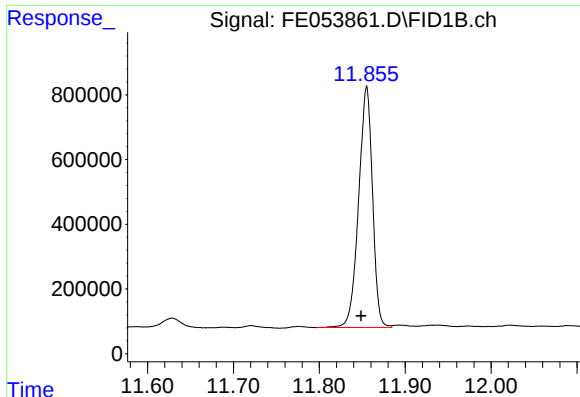
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: 0.001 min
Response: 120851
Conc: 0.90 ug/ml



#8 n-Octadecane (C18)

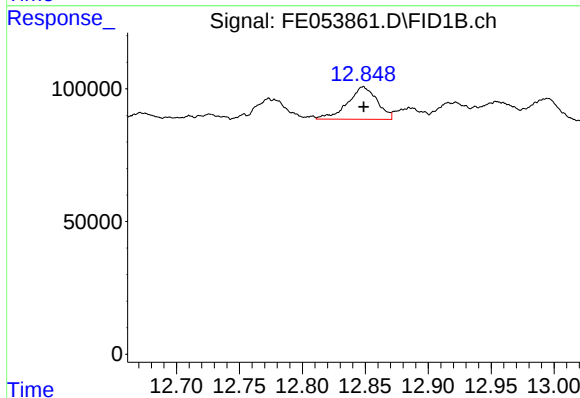
R.T.: 11.537 min
Delta R.T.: 0.001 min
Response: 100762
Conc: 0.75 ug/ml



#9 ortho-Terphenyl (SURR)

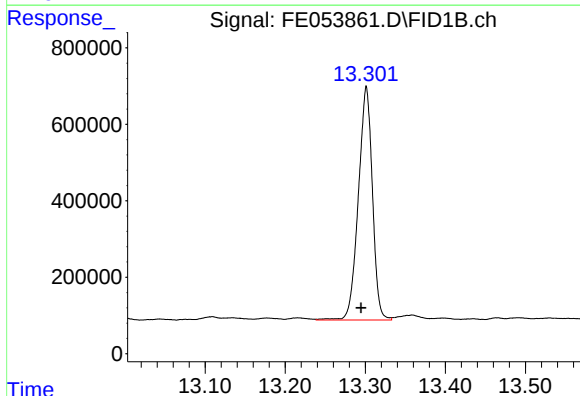
R.T.: 11.855 min
Delta R.T.: 0.006 min
Response: 8352752
Conc: 51.40 ug/ml

Instrument :
FID_E
ClientSampleId :



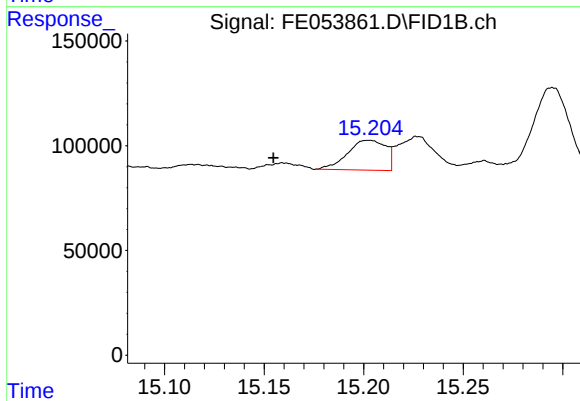
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 199966
Conc: 1.52 ug/ml



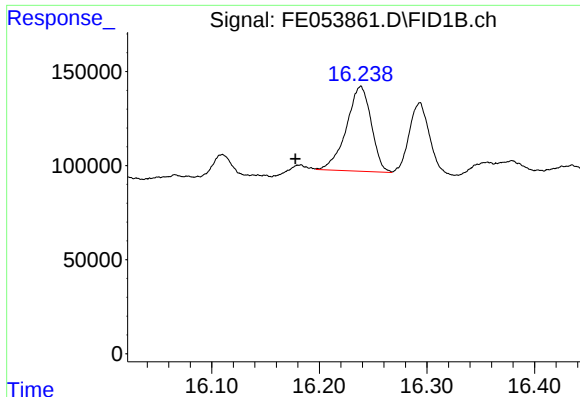
#12 1-chlorooctadecane (SURR)

R.T.: 13.301 min
Delta R.T.: 0.007 min
Response: 7461289
Conc: 62.94 ug/ml



#14 n-Tetracosane (C24)

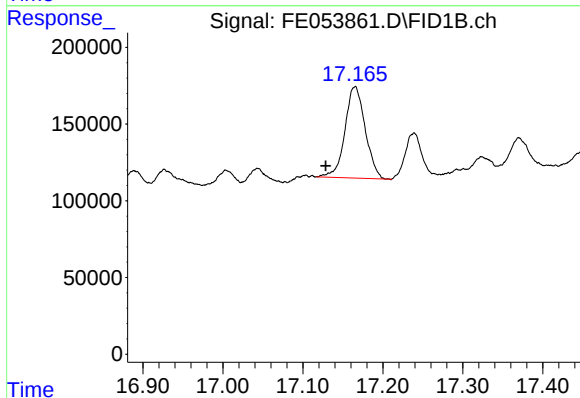
R.T.: 15.203 min
Delta R.T.: 0.048 min
Response: 190637
Conc: 1.52 ug/ml



#15 n-Hexacosane (C26)

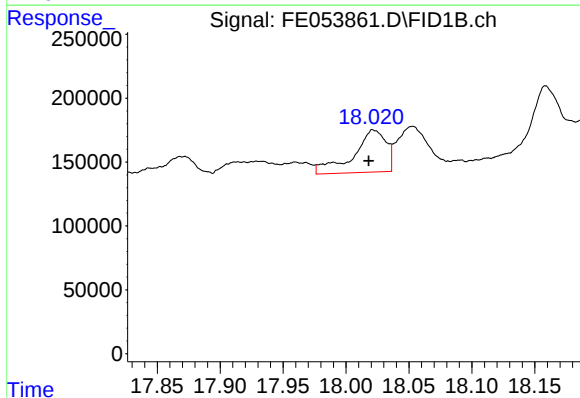
R.T.: 16.238 min
Delta R.T.: 0.060 min
Response: 723115
Conc: 5.91 ug/ml

Instrument :
FID_E
ClientSampleId :



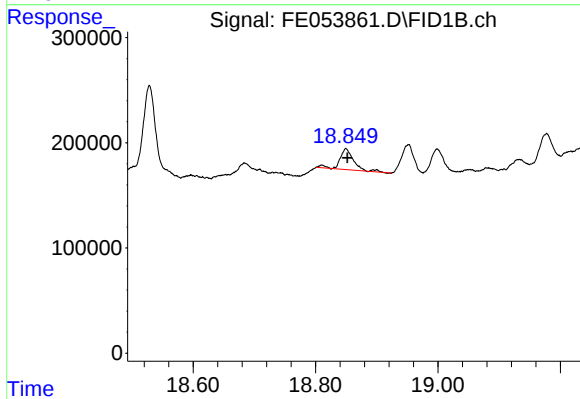
#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.036 min
Response: 1050153
Conc: 8.64 ug/ml



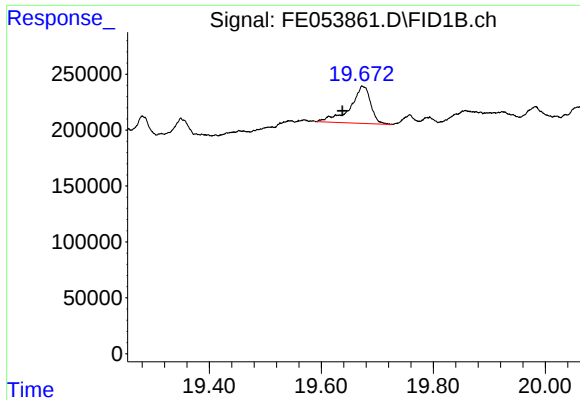
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: 0.004 min
Response: 598463
Conc: 4.80 ug/ml



#18 n-Dotriacontane (C32)

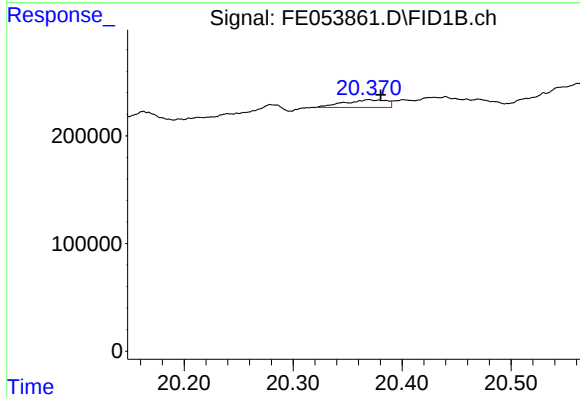
R.T.: 18.850 min
Delta R.T.: -0.002 min
Response: 311497
Conc: 2.49 ug/ml



#19 n-Tetratriacontane (C34)

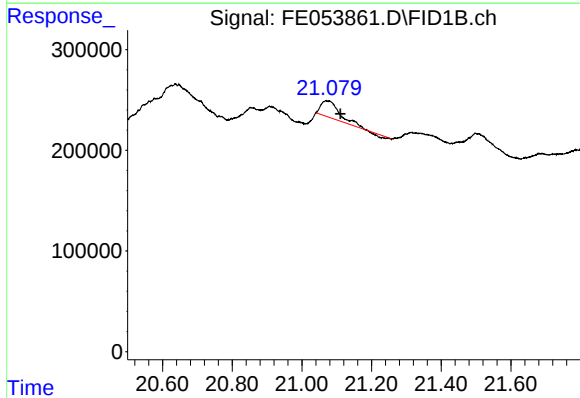
R.T.: 19.675 min
Delta R.T.: 0.037 min
Response: 842561
Conc: 7.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.011 min
Response: 191771
Conc: 1.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.040 min
Response: 568582
Conc: 5.22 ug/ml