

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057204.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 20:37
 Operator : YP\AJ
 Sample : Q3781-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 22:23:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.933	5896061	26.868 ug/ml
Spiked Amount 50.000		Recovery =	53.74%
12) S 1-chlorooctadecane (S...	13.370	4089207	24.571 ug/ml
Spiked Amount 50.000		Recovery =	49.14%
Target Compounds			
7) T n-Hexadecane (C16)	10.162	119723	0.584 ug/ml
8) T n-Octadecane (C18)	11.607	166515	0.808 ug/ml
10) T n-Eicosane (C20)	12.921	317608	1.615 ug/ml
11) T n-Heneicosane (C21)	13.534	128068	0.667 ug/ml
13) T n-Docosane (C22)	14.122	229906	1.191 ug/ml
14) T n-Tetracosane (C24)	15.242	966911	4.882 ug/ml
15) T n-Hexacosane (C26)	16.253	350215	1.765 ug/ml
16) T n-Octacosane (C28)	17.205	543763	2.646 ug/ml
17) T n-Tricontane (C30)	18.097	818366	3.646 ug/ml
18) T n-Dotriacontane (C32)	18.933	781732	3.349 ug/ml
19) T n-Tetratriacontane (C34)	19.722	973536	4.558 ug/ml
20) T n-Hexatriacontane (C36)	20.464	463251	2.489 ug/ml
21) T n-Octatriacontane (C38)	21.209	495881	2.861 ug/ml
22) T n-Tetracontane (C40)	22.136	566186	3.360 ug/ml

(f)=RT Delta > 1/2 Window

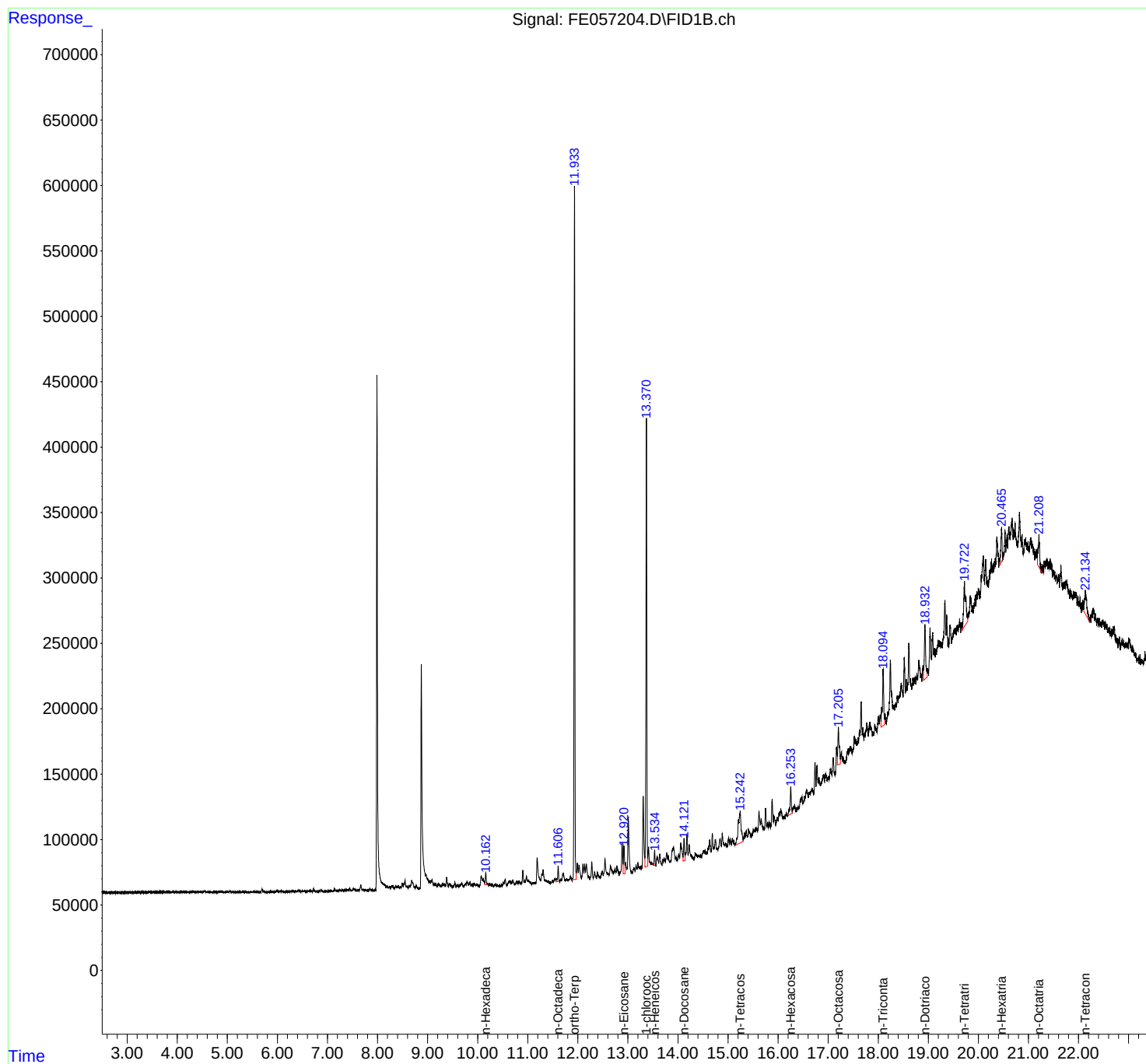
(m)=manual int.

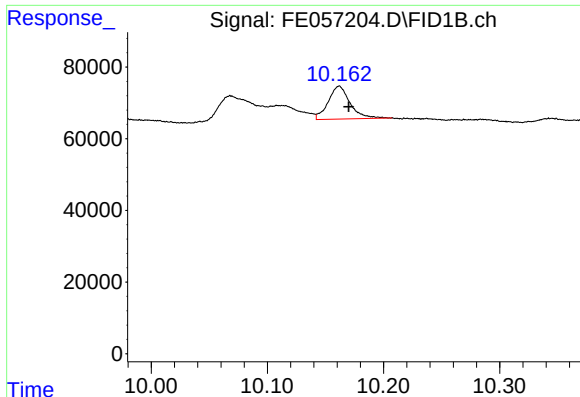
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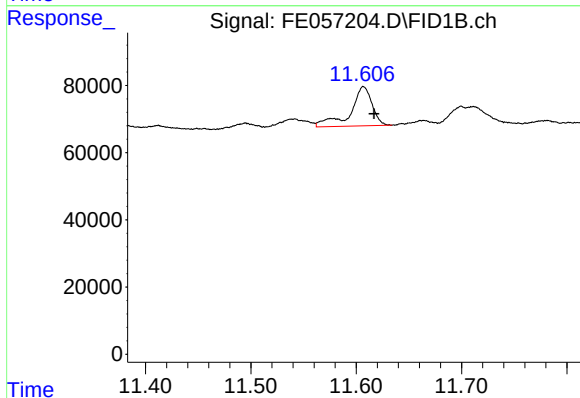




#7 n-Hexadecane (C16)

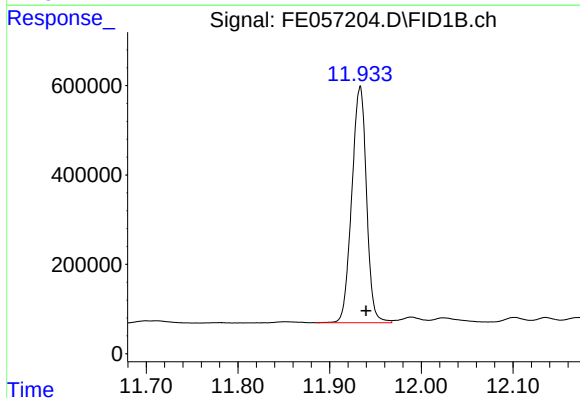
R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 119723
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :



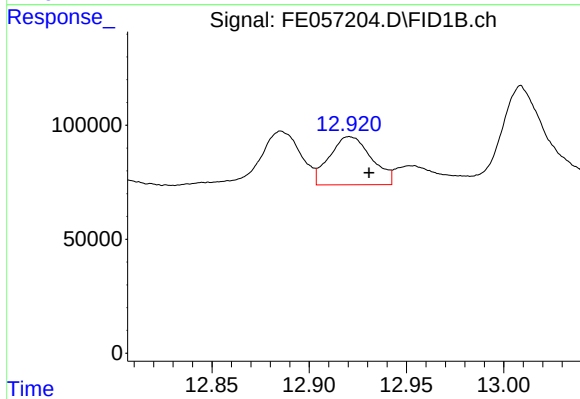
#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.010 min
Response: 166515
Conc: 0.81 ug/ml



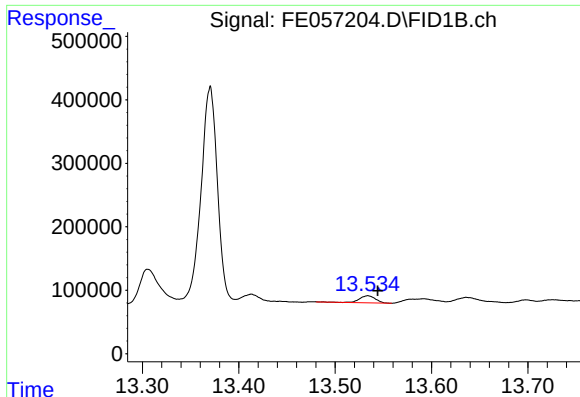
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 5896061
Conc: 26.87 ug/ml



#10 n-Eicosane (C20)

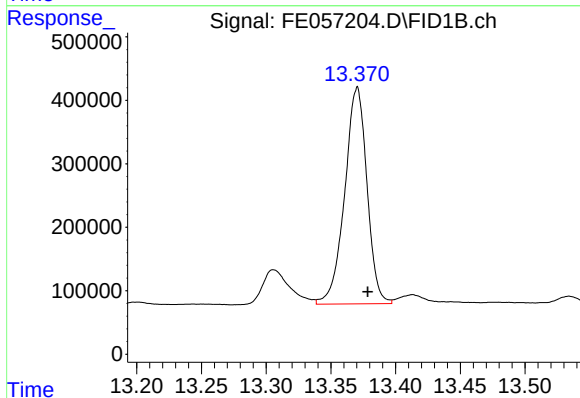
R.T.: 12.921 min
Delta R.T.: -0.010 min
Response: 317608
Conc: 1.61 ug/ml



#11 n-Heneicosane (C21)

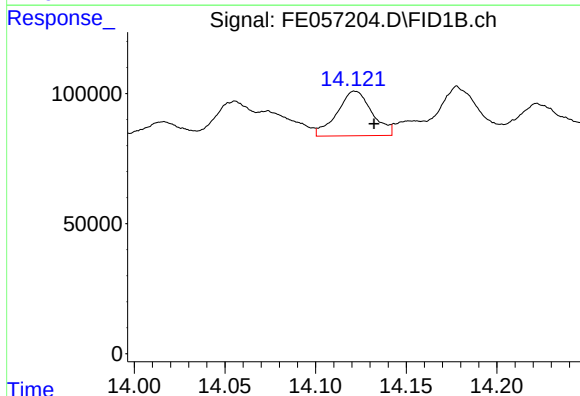
R.T.: 13.534 min
Delta R.T.: -0.010 min
Response: 128068
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :



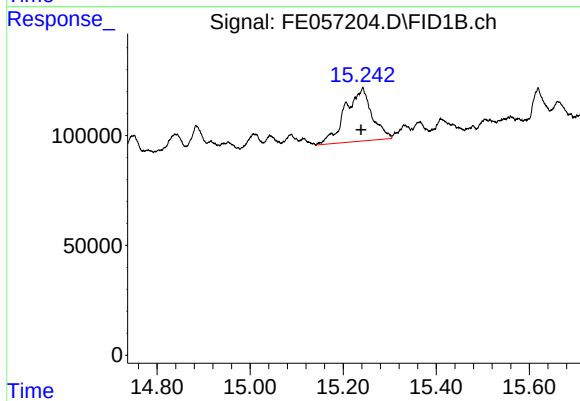
#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 4089207
Conc: 24.57 ug/ml



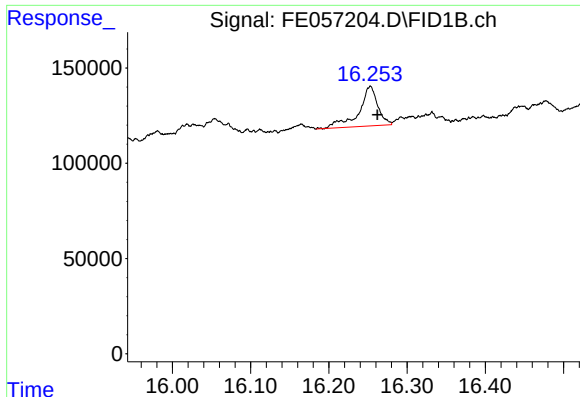
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 229906
Conc: 1.19 ug/ml



#14 n-Tetracosane (C24)

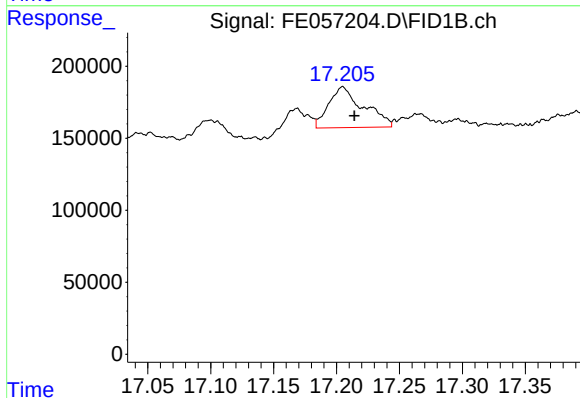
R.T.: 15.242 min
Delta R.T.: 0.003 min
Response: 966911
Conc: 4.88 ug/ml



#15 n-Hexacosane (C26)

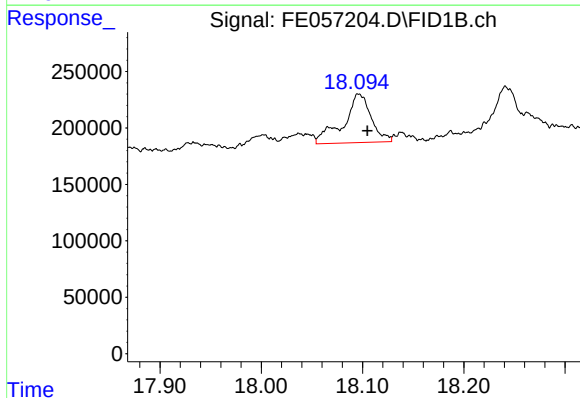
R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 350215
Conc: 1.77 ug/ml

Instrument :
FID_E
ClientSampleId :



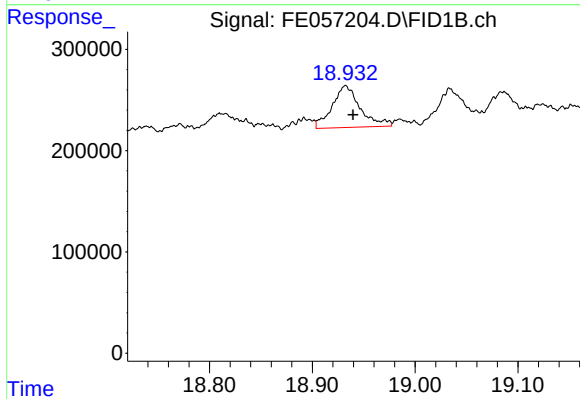
#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.009 min
Response: 543763
Conc: 2.65 ug/ml



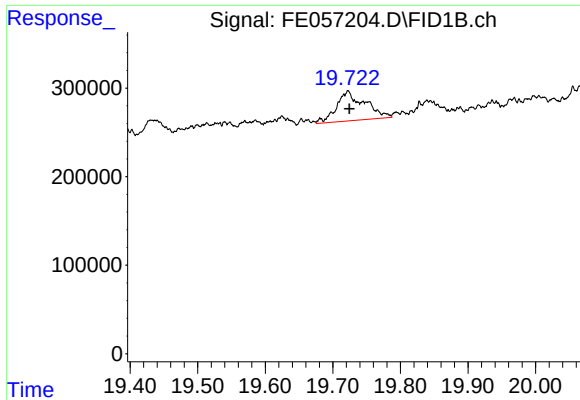
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 818366
Conc: 3.65 ug/ml



#18 n-Dotriacontane (C32)

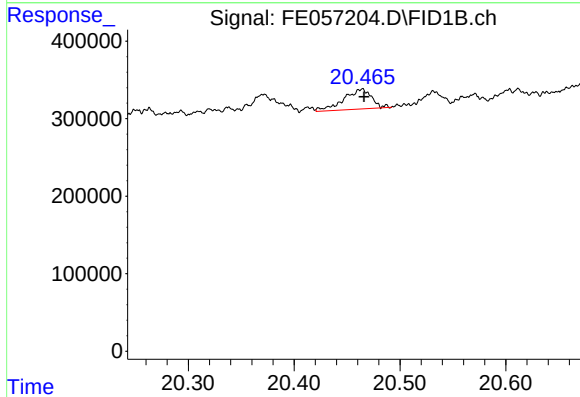
R.T.: 18.933 min
Delta R.T.: -0.007 min
Response: 781732
Conc: 3.35 ug/ml



#19 n-Tetratriacontane (C34)

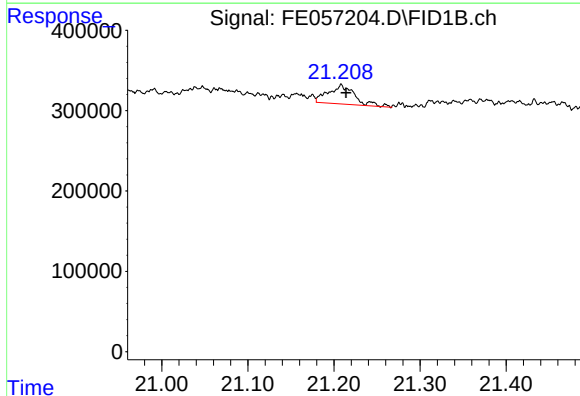
R.T.: 19.722 min
Delta R.T.: -0.003 min
Response: 973536
Conc: 4.56 ug/ml

Instrument :
FID_E
ClientSampleId :



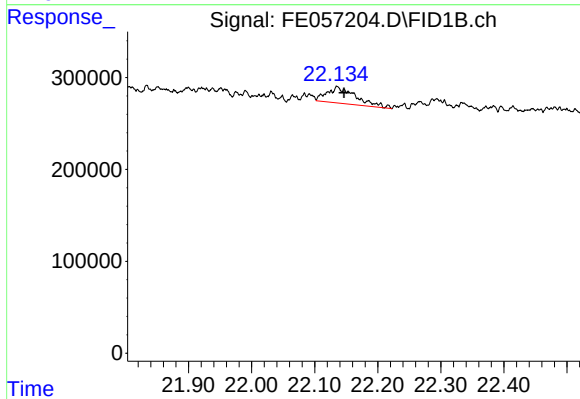
#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.002 min
Response: 463251
Conc: 2.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.005 min
Response: 495881
Conc: 2.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.010 min
Response: 566186
Conc: 3.36 ug/ml