

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056214.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 23:07
 Operator : YP\AJ
 Sample : Q3290-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CL-02-100325

Integration File: autoint1.e
 Quant Time: Oct 07 01:34:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.068	5971266	31.821 ug/ml
Spiked Amount 50.000		Recovery =	63.64%
12) S 1-chlorooctadecane (S...	13.505	6833329	48.961 ug/ml
Spiked Amount 50.000		Recovery =	97.92%
Target Compounds			
7) T n-Hexadecane (C16)	10.291	204482	1.287 ug/ml
8) T n-Octadecane (C18)	11.739	173880	1.027 ug/ml
10) T n-Eicosane (C20)	13.053	207062	1.249 ug/ml
11) T n-Heneicosane (C21)	13.669	103757	0.639 ug/ml
13) T n-Docosane (C22)	14.257	90920	0.569 ug/ml
14) T n-Tetracosane (C24)	15.360	258452	1.696 ug/ml
15) T n-Hexacosane (C26)	16.386	62802	0.440 ug/ml
16) T n-Octacosane (C28)	17.340	107337	0.771 ug/ml
17) T n-Tricontane (C30)	18.230	343696	2.319 ug/ml
18) T n-Dotriacontane (C32)	19.063	328917	2.205 ug/ml
19) T n-Tetratriacontane (C34)	19.849	199745	1.412 ug/ml
20) T n-Hexatriacontane (C36)	20.592	166330	1.296 ug/ml
21) T n-Octatriacontane (C38)	21.359	146289	1.114 ug/ml

(f)=RT Delta > 1/2 Window

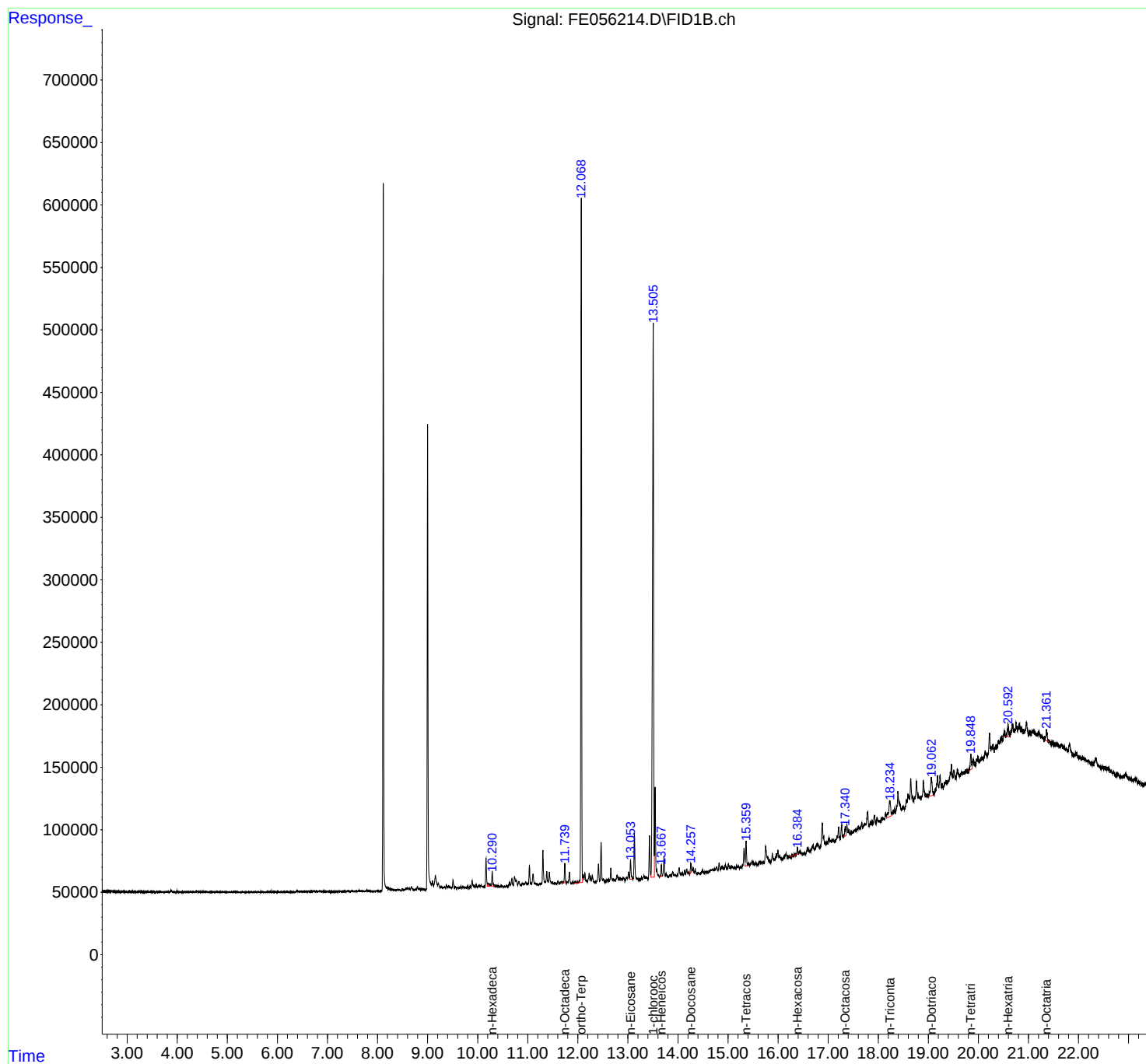
(m)=manual int.

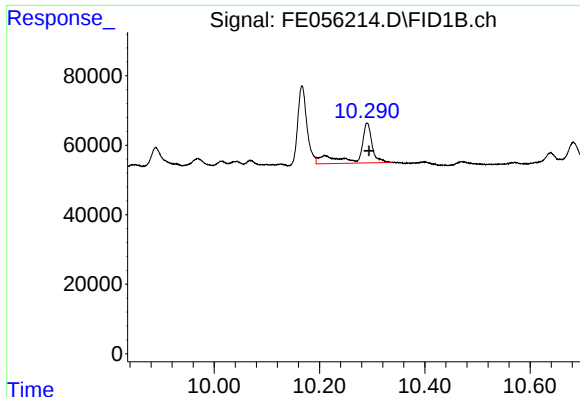
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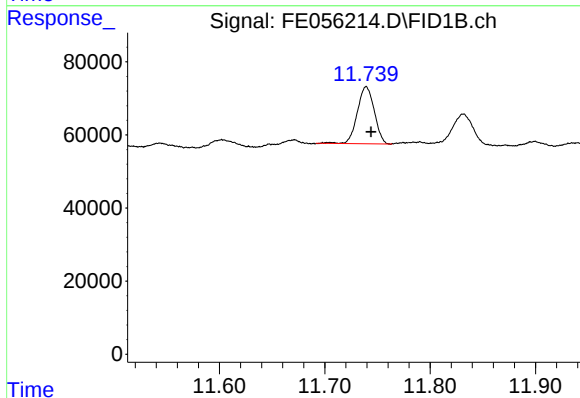




#7 n-Hexadecane (C16)

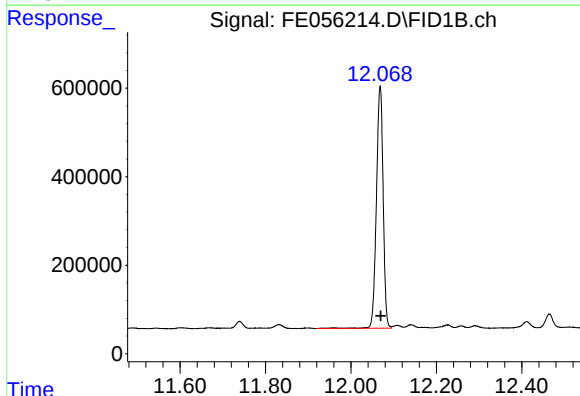
R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 204482
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
CL-02-100325



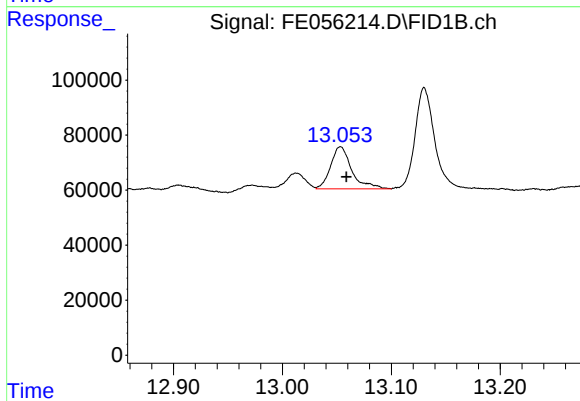
#8 n-Octadecane (C18)

R.T.: 11.739 min
Delta R.T.: -0.005 min
Response: 173880
Conc: 1.03 ug/ml



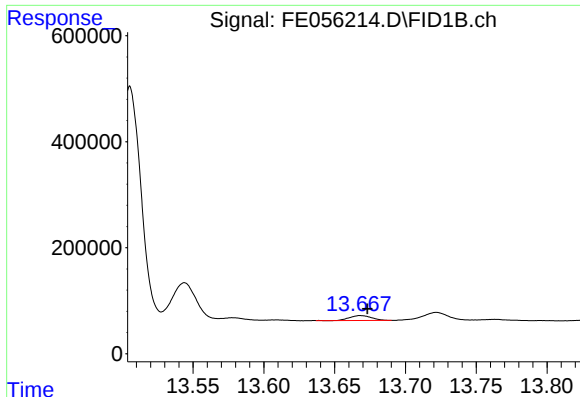
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.001 min
Response: 5971266
Conc: 31.82 ug/ml



#10 n-Eicosane (C20)

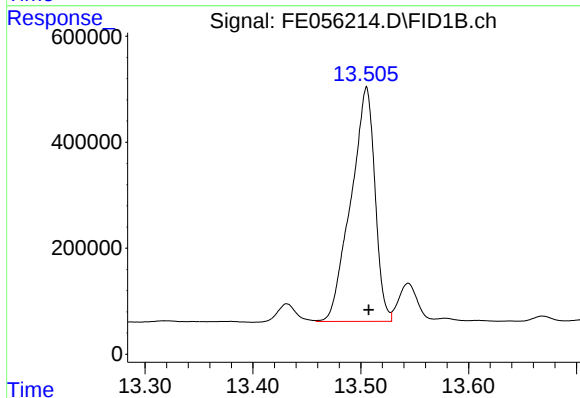
R.T.: 13.053 min
Delta R.T.: -0.005 min
Response: 207062
Conc: 1.25 ug/ml



#11 n-Heneicosane (C21)

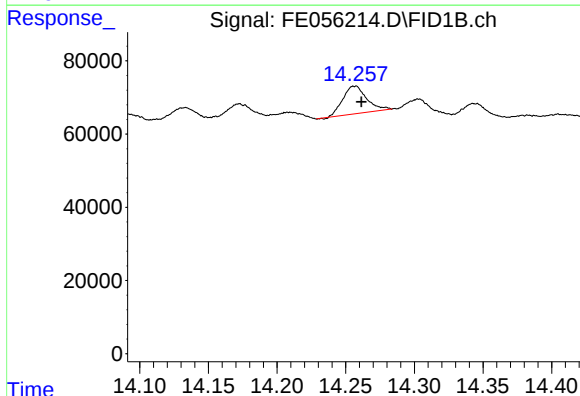
R.T.: 13.669 min
Delta R.T.: -0.005 min
Response: 103757
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
CL-02-100325



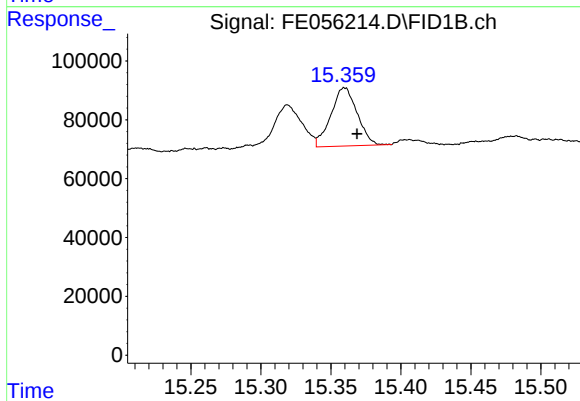
#12 1-chlorooctadecane (SURR)

R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 6833329
Conc: 48.96 ug/ml



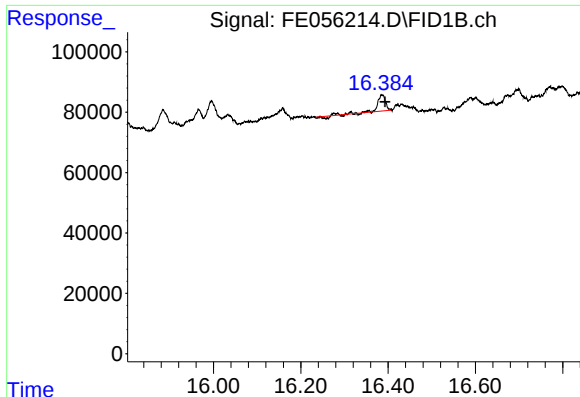
#13 n-Docosane (C22)

R.T.: 14.257 min
Delta R.T.: -0.005 min
Response: 90920
Conc: 0.57 ug/ml



#14 n-Tetracosane (C24)

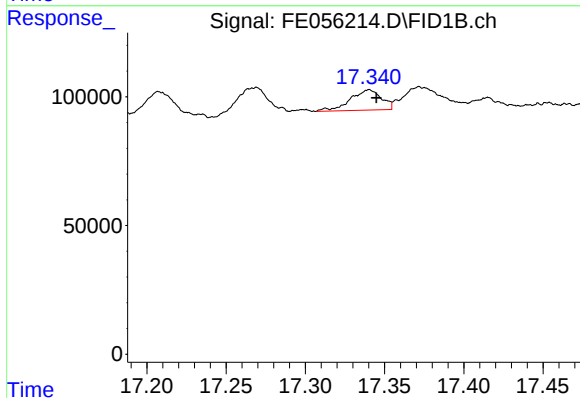
R.T.: 15.360 min
Delta R.T.: -0.009 min
Response: 258452
Conc: 1.70 ug/ml



#15 n-Hexacosane (C26)

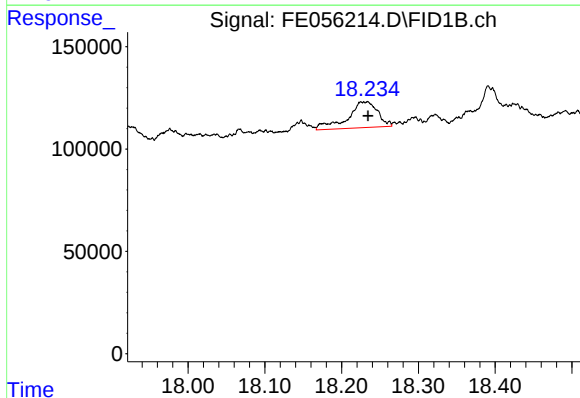
R.T.: 16.386 min
Delta R.T.: -0.006 min
Response: 62802
Conc: 0.44 ug/ml

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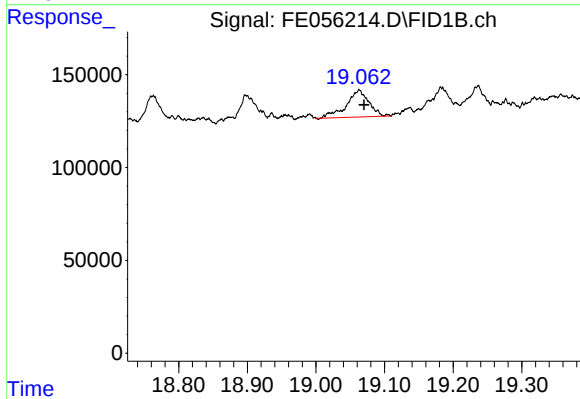
#16 n-Octacosane (C28)

R.T.: 17.340 min
Delta R.T.: -0.005 min
Response: 107337
Conc: 0.77 ug/ml



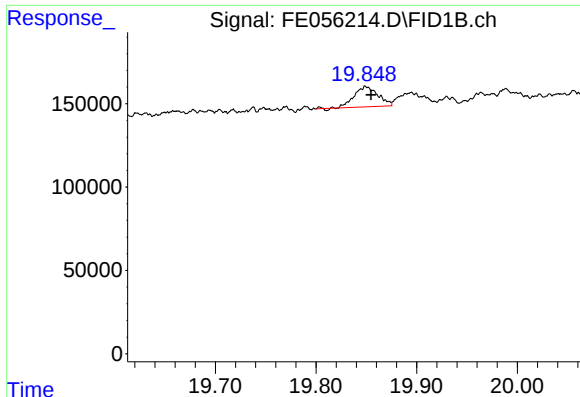
#17 n-Tricontane (C30)

R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 343696
Conc: 2.32 ug/ml



#18 n-Dotriacontane (C32)

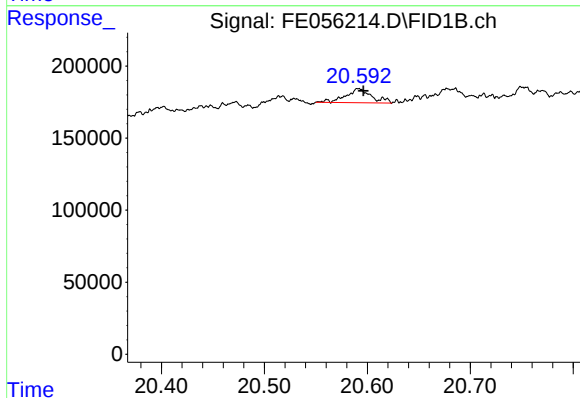
R.T.: 19.063 min
Delta R.T.: -0.008 min
Response: 328917
Conc: 2.20 ug/ml



#19 n-Tetratriacontane (C34)

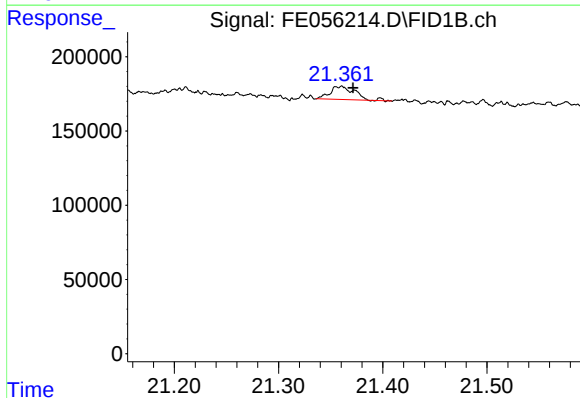
R.T.: 19.849 min
Delta R.T.: -0.005 min
Response: 199745
Conc: 1.41 ug/ml

Instrument :
FID_E
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#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 166330
Conc: 1.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.359 min
Delta R.T.: -0.012 min
Response: 146289
Conc: 1.11 ug/ml