

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055199.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 07:50
 Operator : YP\AJ
 Sample : Q2783-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT5414DL

Integration File: autoint1.e
 Quant Time: Aug 08 11:17:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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	2266267	15.870 ug/ml
Spiked Amount 50.000		Recovery =	31.74%
12) S 1-chlorooctadecane (S...	13.529	1825603	16.979 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
Target Compounds			
8) T n-Octadecane (C18)	11.760	70379	0.539 ug/ml
10) T n-Eicosane (C20)	13.078	122018	0.972 ug/ml
11) T n-Heneicosane (C21)	13.695	112926	0.916 ug/ml
13) T n-Docosane (C22)	14.281	65482	0.536 ug/ml
14) T n-Tetracosane (C24)	15.385	161488	1.328 ug/ml
15) T n-Hexacosane (C26)	16.414	79426	0.664 ug/ml
16) T n-Octacosane (C28)	17.368	152300	1.284 ug/ml
17) T n-Tricontane (C30)	18.257	323673	2.630 ug/ml
18) T n-Dotriacontane (C32)	19.091	312511	2.561 ug/ml
19) T n-Tetratriacontane (C34)	19.877	164256	1.405 ug/ml
20) T n-Hexatriacontane (C36)	20.618	211438	1.934 ug/ml
21) T n-Octatriacontane (C38)	21.401	195021	1.805 ug/ml
22) T n-Tetracontane (C40)	22.396	134302	1.284 ug/ml

(f)=RT Delta > 1/2 Window

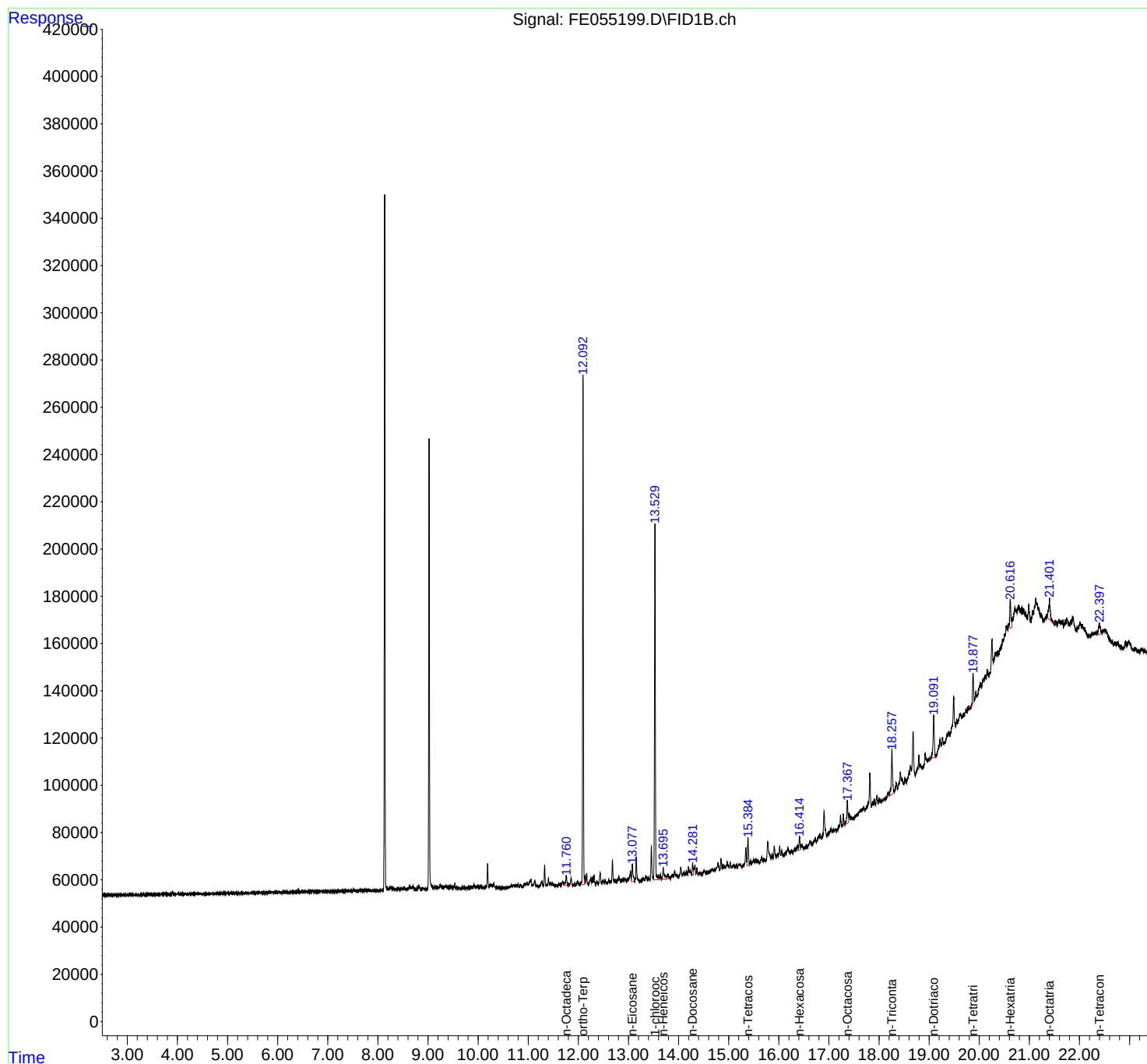
(m)=manual int.

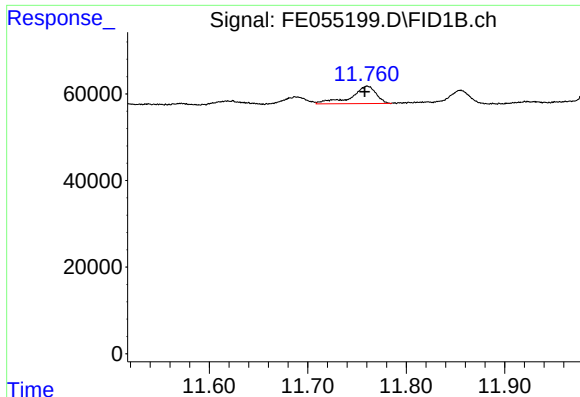
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Signal Info : 20M x 0.18mm x 0.18um

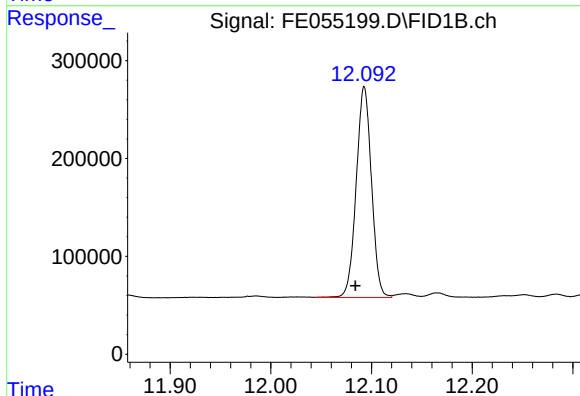




#8 n-Octadecane (C18)

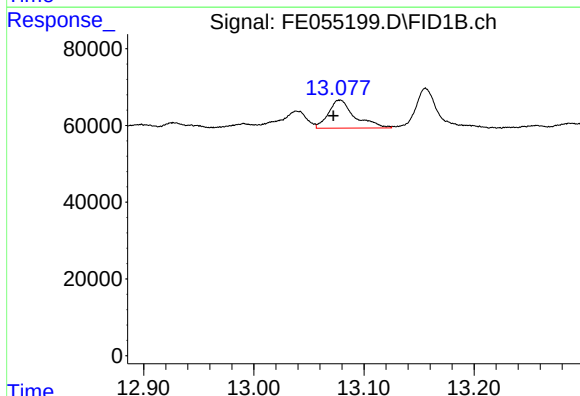
R.T.: 11.760 min
Delta R.T.: 0.003 min
Response: 70379
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414DL



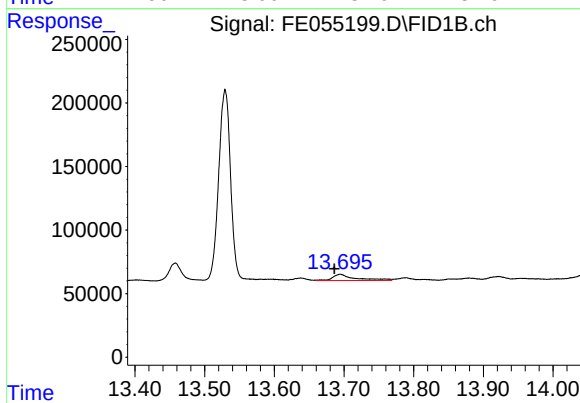
#9 ortho-Terphenyl (SURR)

R.T.: 12.093 min
Delta R.T.: 0.009 min
Response: 2266267
Conc: 15.87 ug/ml



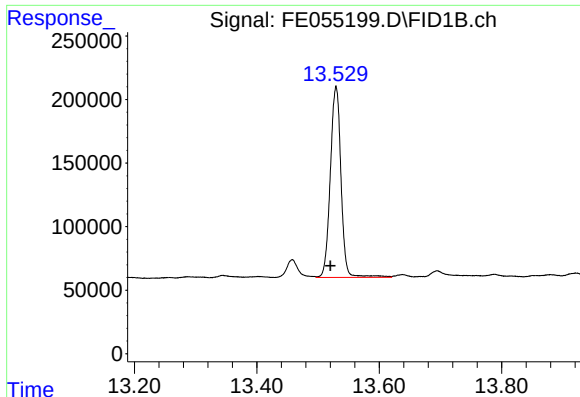
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.006 min
Response: 122018
Conc: 0.97 ug/ml



#11 n-Heneicosane (C21)

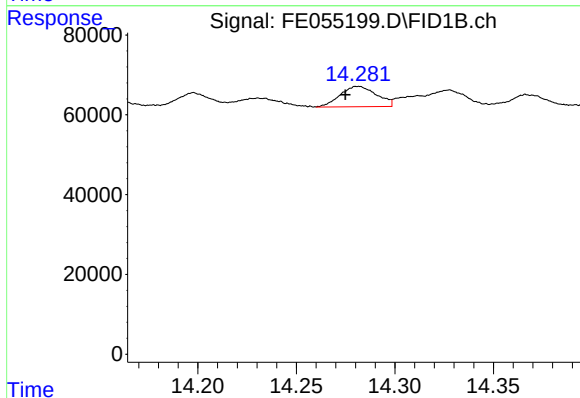
R.T.: 13.695 min
Delta R.T.: 0.008 min
Response: 112926
Conc: 0.92 ug/ml



#12 1-chlorooctadecane (SURR)

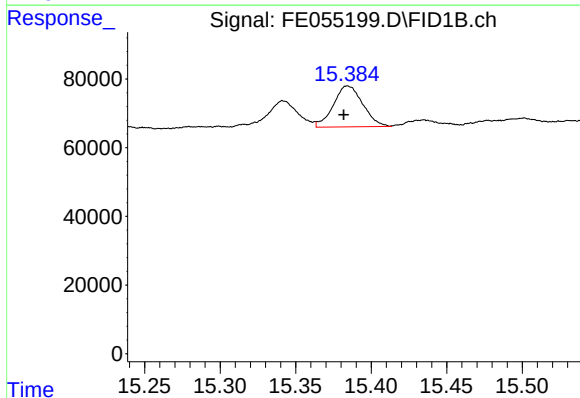
R.T.: 13.529 min
Delta R.T.: 0.009 min
Response: 1825603
Conc: 16.98 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414DL



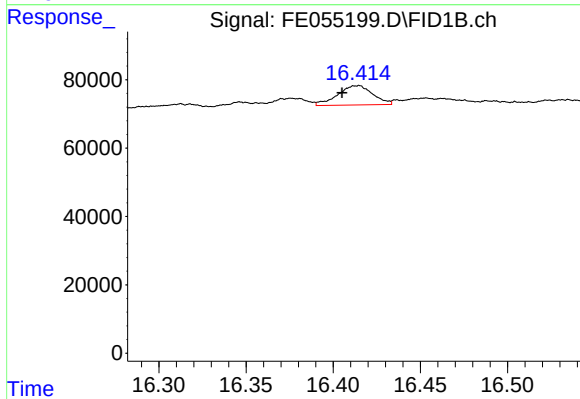
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.007 min
Response: 65482
Conc: 0.54 ug/ml



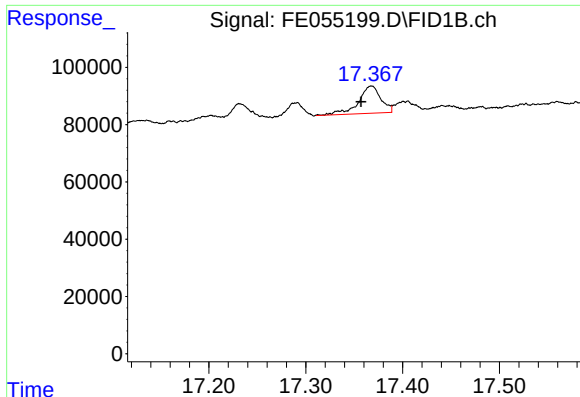
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 161488
Conc: 1.33 ug/ml



#15 n-Hexacosane (C26)

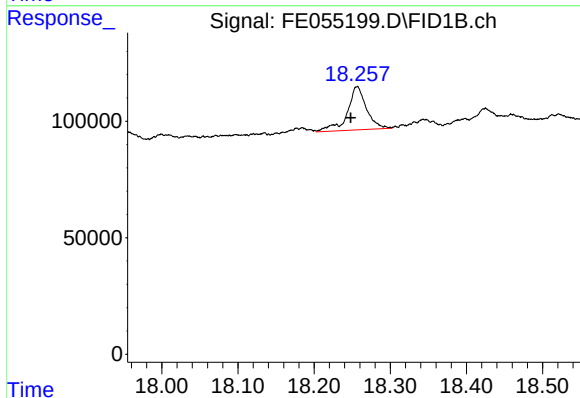
R.T.: 16.414 min
Delta R.T.: 0.008 min
Response: 79426
Conc: 0.66 ug/ml



#16 n-Octacosane (C28)

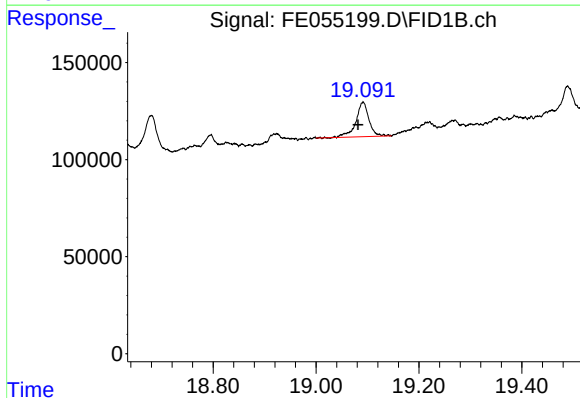
R.T.: 17.368 min
Delta R.T.: 0.011 min
Response: 152300
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414DL



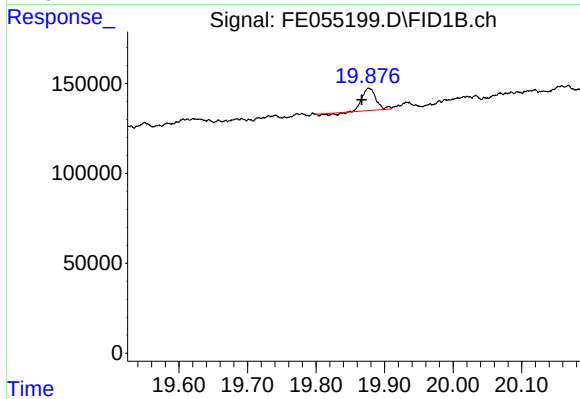
#17 n-Tricontane (C30)

R.T.: 18.257 min
Delta R.T.: 0.009 min
Response: 323673
Conc: 2.63 ug/ml



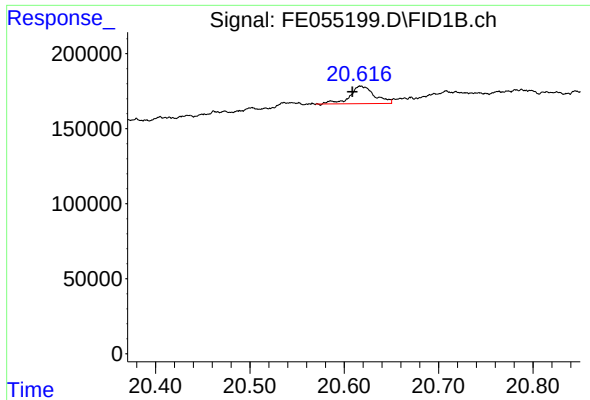
#18 n-Dotriacontane (C32)

R.T.: 19.091 min
Delta R.T.: 0.010 min
Response: 312511
Conc: 2.56 ug/ml



#19 n-Tetratriacontane (C34)

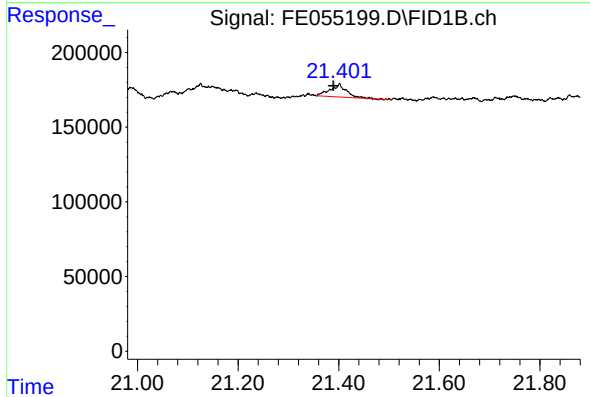
R.T.: 19.877 min
Delta R.T.: 0.011 min
Response: 164256
Conc: 1.40 ug/ml



#20 n-Hexatriacontane (C36)

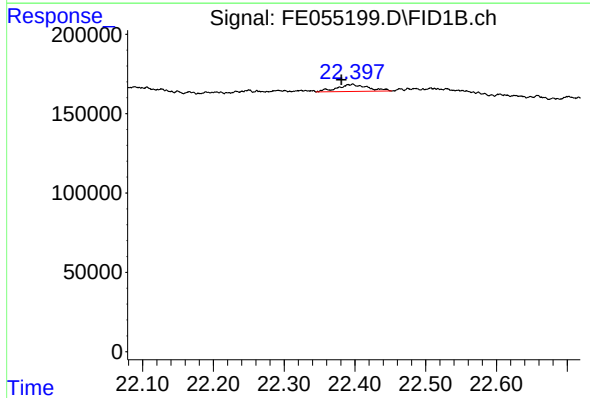
R.T.: 20.618 min
Delta R.T.: 0.010 min
Response: 211438
Conc: 1.93 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414DL



#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.012 min
Response: 195021
Conc: 1.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 134302
Conc: 1.28 ug/ml