

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056772.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 12:50
 Operator : YP\AJ
 Sample : Q3582-04DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT4912DL

Integration File: autoint1.e
 Quant Time: Nov 13 00:56:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.996	11462532	54.868 ug/ml
Spiked Amount 50.000		Recovery =	109.74%
12) S 1-chlorooctadecane (S...	13.436	3376562	20.957 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
Target Compounds			
4) T n-Dodecane (C12)	6.826f	144972	0.834 ug/ml
5) T A~2-methylnaphthalene...	7.406	274975	1.552 ug/ml
6) T n-Tetradecane (C14)	8.590	1335710	7.652 ug/ml
7) T n-Hexadecane (C16)	10.224	3507336	19.170 ug/ml
8) T n-Octadecane (C18)	11.640	8001192	42.274 ug/ml
10) T n-Eicosane (C20)	12.961	6195939	33.247 ug/ml
11) T n-Heneicosane (C21)	13.613	1230784	6.693 ug/ml
13) T n-Docosane (C22)	14.156	306864	1.639 ug/ml
14) T n-Tetracosane (C24)	15.270	1475083	7.531 ug/ml
16) T n-Octacosane (C28)	17.307f	91599	0.473 ug/ml
17) T n-Tricontane (C30)	18.119	190734	0.951 ug/ml
18) T n-Dotriacontane (C32)	18.947	462174	2.350 ug/ml
19) T n-Tetratriacontane (C34)	19.769	230224	1.334 ug/ml
20) T n-Hexatriacontane (C36)	20.479	103337	0.714 ug/ml

(f)=RT Delta > 1/2 Window

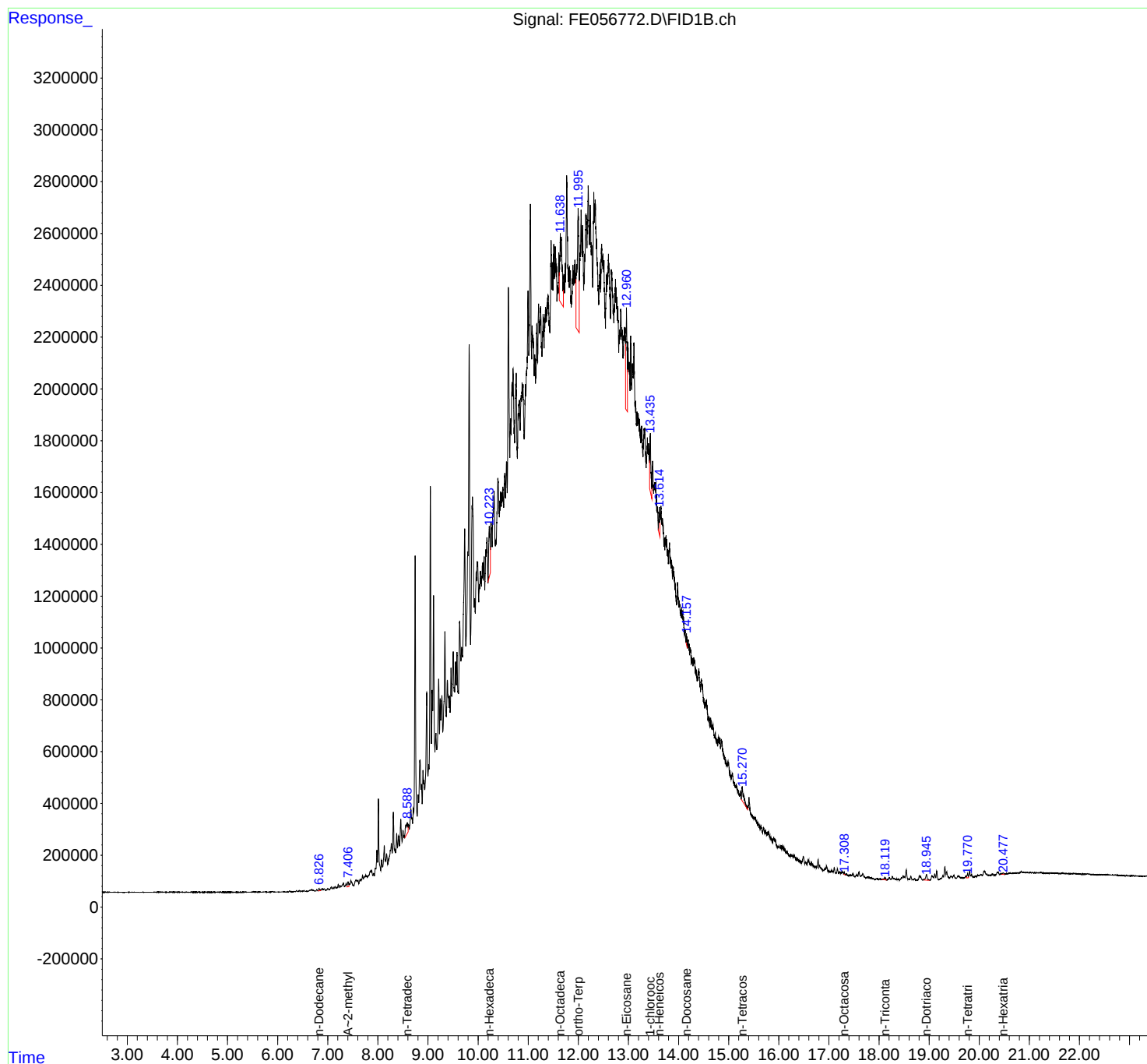
(m)=manual int.

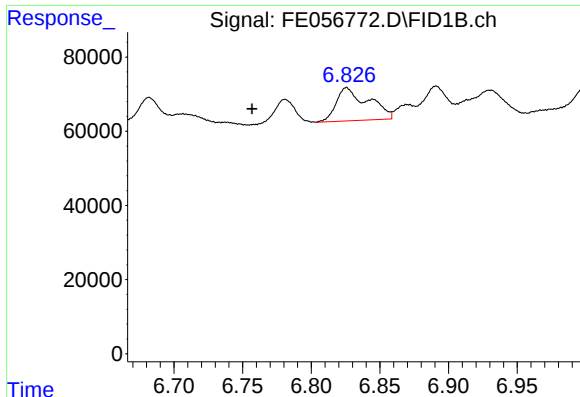
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
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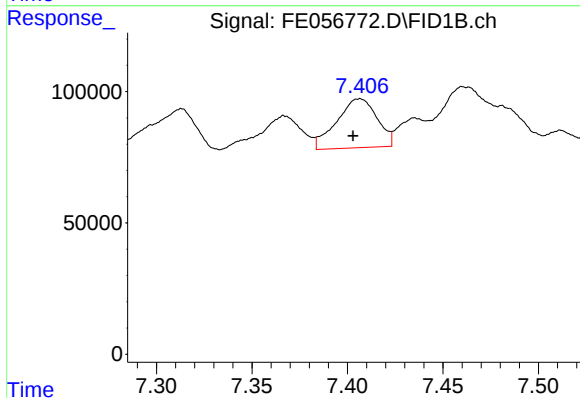




#4 n-Dodecane (C12)

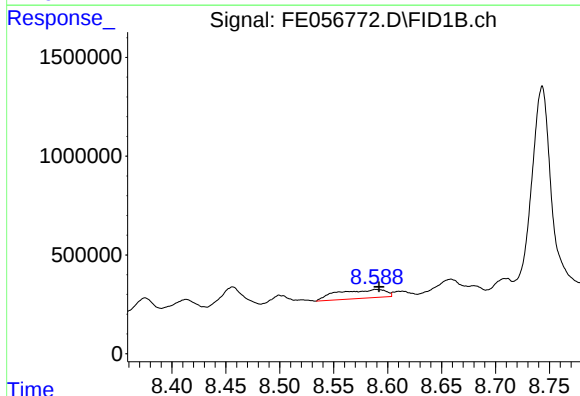
R.T.: 6.826 min
Delta R.T.: 0.069 min
Response: 144972
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :
RT4912DL



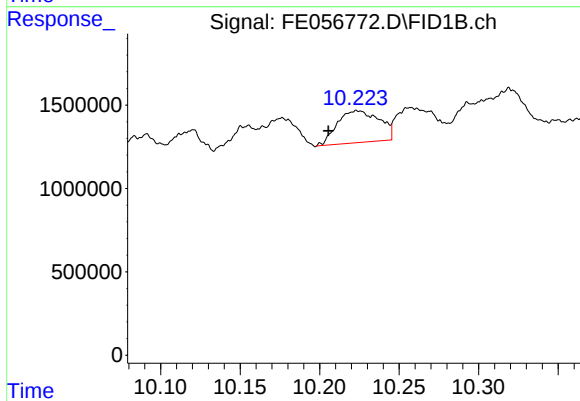
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.003 min
Response: 274975
Conc: 1.55 ug/ml



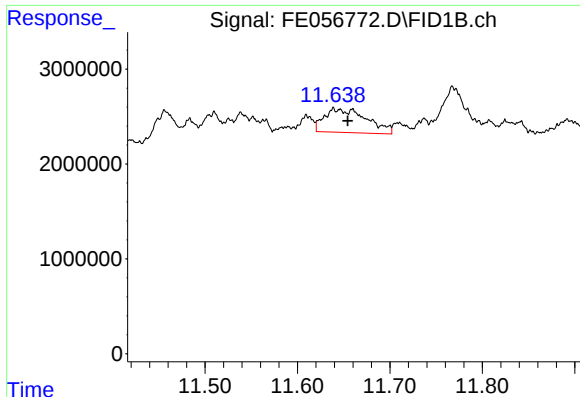
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 1335710
Conc: 7.65 ug/ml



#7 n-Hexadecane (C16)

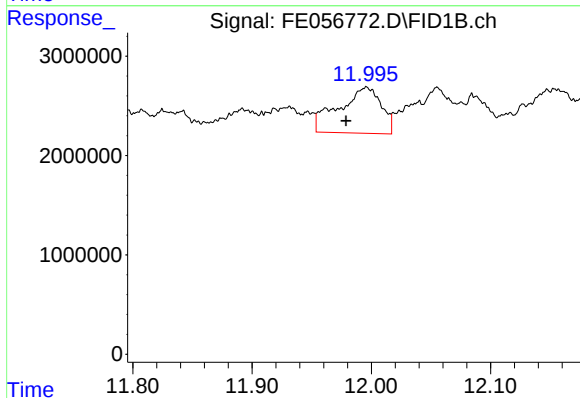
R.T.: 10.224 min
Delta R.T.: 0.018 min
Response: 3507336
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

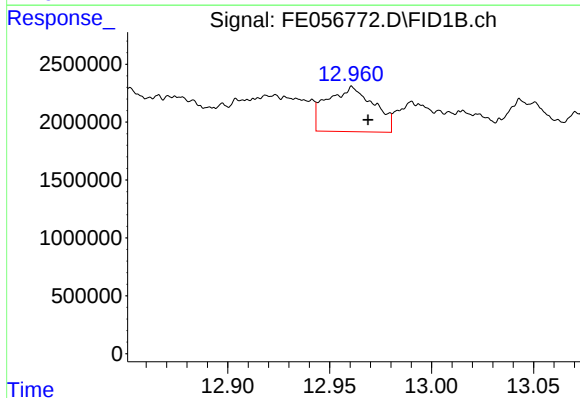
R.T.: 11.640 min
Delta R.T.: -0.014 min
Response: 8001192
Conc: 42.27 ug/ml

Instrument :
FID_E
ClientSampleId :
RT4912DL



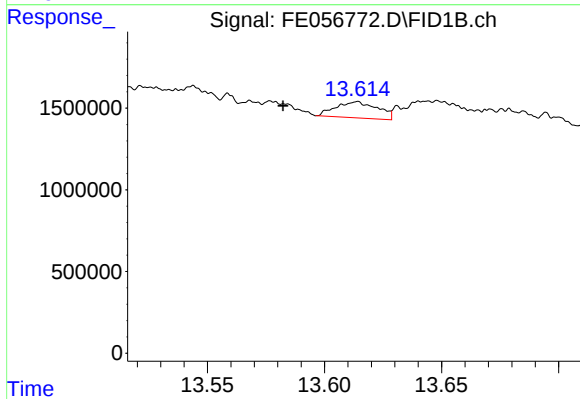
#9 ortho-Terphenyl (SURR)

R.T.: 11.996 min
Delta R.T.: 0.017 min
Response: 11462532
Conc: 54.87 ug/ml



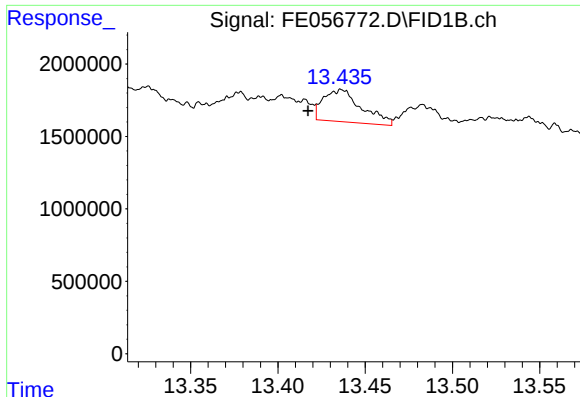
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.008 min
Response: 6195939
Conc: 33.25 ug/ml



#11 n-Heneicosane (C21)

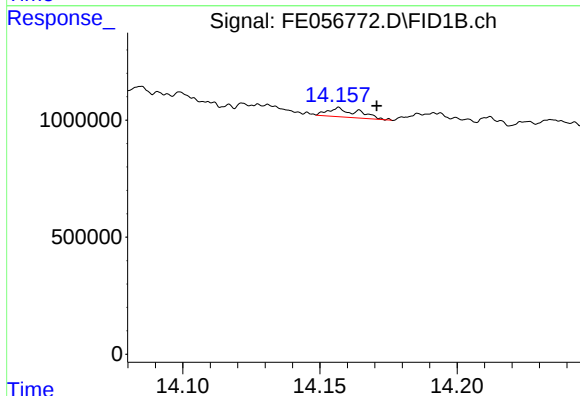
R.T.: 13.613 min
Delta R.T.: 0.031 min
Response: 1230784
Conc: 6.69 ug/ml



#12 1-chlorooctadecane (SURR)

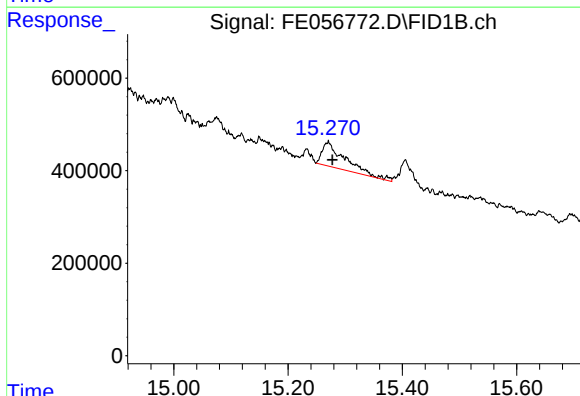
R.T.: 13.436 min
Delta R.T.: 0.019 min
Response: 3376562
Conc: 20.96 ug/ml

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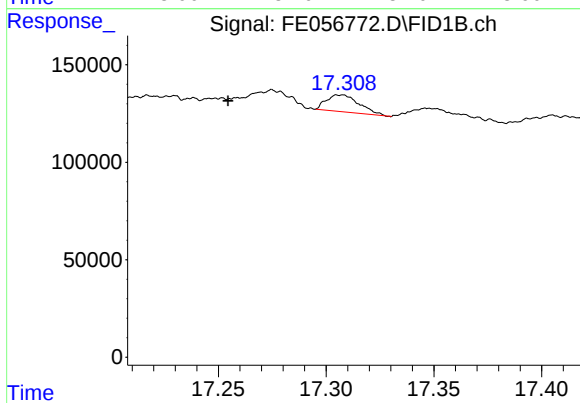
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: -0.014 min
Response: 306864
Conc: 1.64 ug/ml



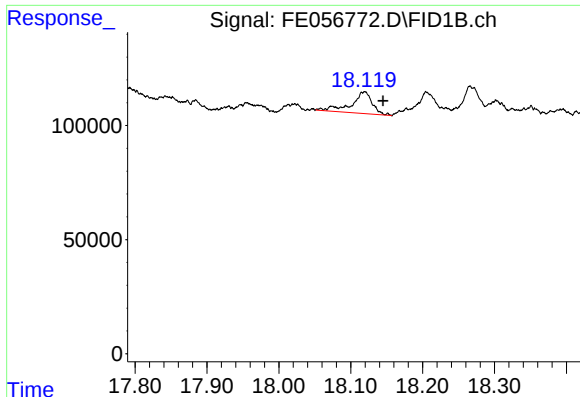
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.007 min
Response: 1475083
Conc: 7.53 ug/ml



#16 n-Octacosane (C28)

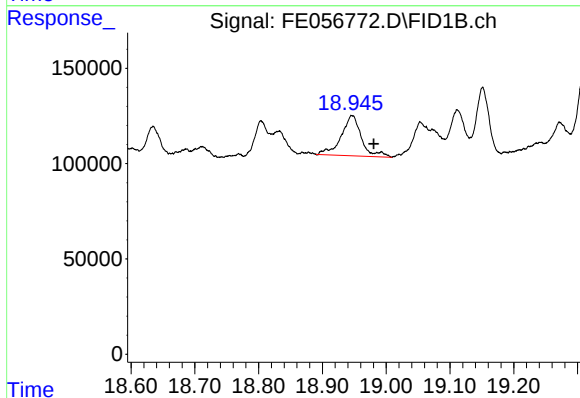
R.T.: 17.307 min
Delta R.T.: 0.052 min
Response: 91599
Conc: 0.47 ug/ml



#17 n-Tricontane (C30)

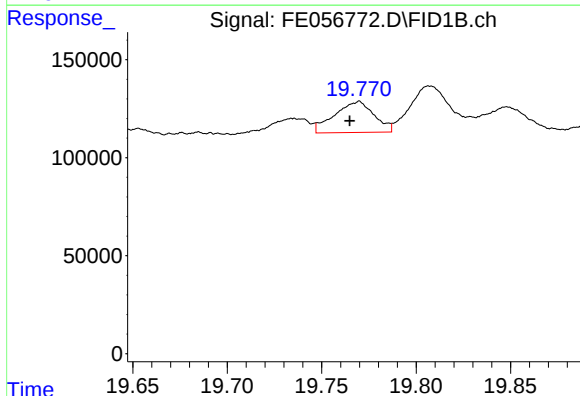
R.T.: 18.119 min
Delta R.T.: -0.026 min
Response: 190734
Conc: 0.95 ug/ml

Instrument :
FID_E
ClientSampleId :
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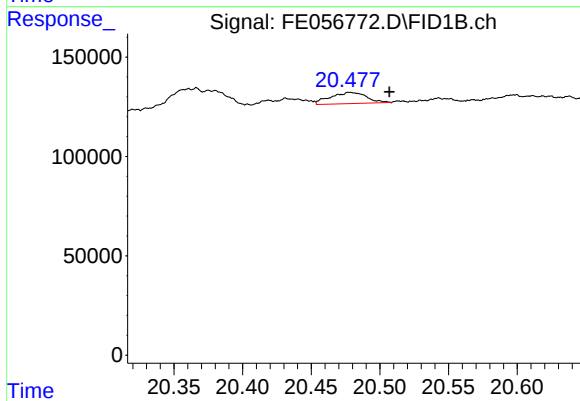
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.034 min
Response: 462174
Conc: 2.35 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: 0.004 min
Response: 230224
Conc: 1.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: -0.028 min
Response: 103337
Conc: 0.71 ug/ml