

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054653.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 11:42
 Operator : YP\AJ
 Sample : Q2457-02DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-2-062725-E2DL

Integration File: autoint1.e
 Quant Time: Jul 02 02:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.072	1919872	11.822 ug/ml
Spiked Amount 50.000		Recovery =	23.64%
12) S 1-chlorooctadecane (S...	13.510	1529740	12.113 ug/ml
Spiked Amount 50.000		Recovery =	24.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.672	54440	0.393 ug/ml
8) T n-Octadecane (C18)	11.676f	26696	0.182 ug/ml
10) T n-Eicosane (C20)	13.047	67868	0.472 ug/ml
11) T n-Heneicosane (C21)	13.717f	69727	0.488 ug/ml
13) T n-Docosane (C22)	14.295	108150	0.757 ug/ml
14) T n-Tetracosane (C24)	15.350	109302	0.752 ug/ml
15) T n-Hexacosane (C26)	16.399	18711	0.129 ug/ml
17) T n-Tricontane (C30)	18.233	226646	1.438 ug/ml
18) T n-Dotriacontane (C32)	19.069	158130	0.977 ug/ml
19) T n-Tetratriacontane (C34)	19.853	124037	0.814 ug/ml
20) T n-Hexatriacontane (C36)	20.594	341938	2.543 ug/ml
21) T n-Octatriacontane (C38)	21.334	63145	0.538 ug/ml
22) T n-Tetracontane (C40)	22.327	26212	0.242 ug/ml

(f)=RT Delta > 1/2 Window

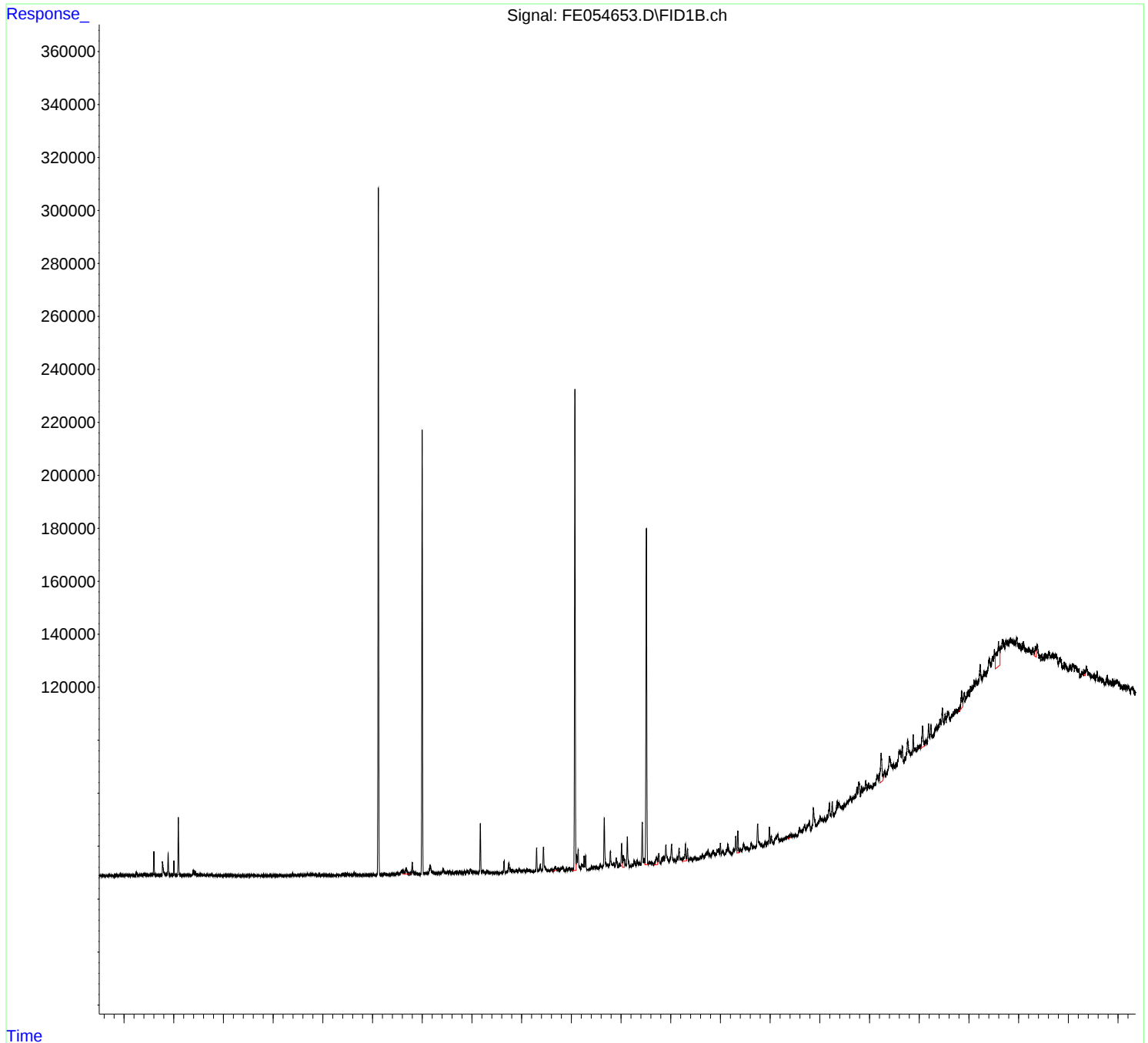
(m)=manual int.

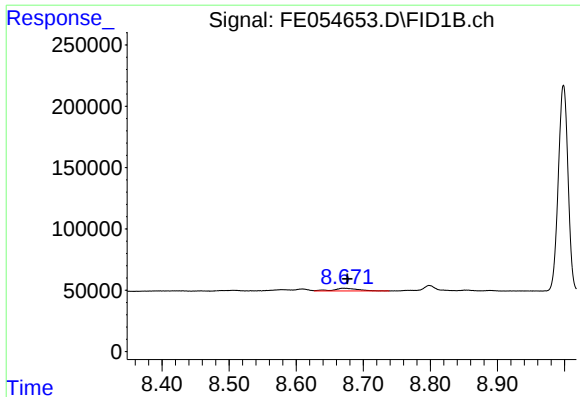
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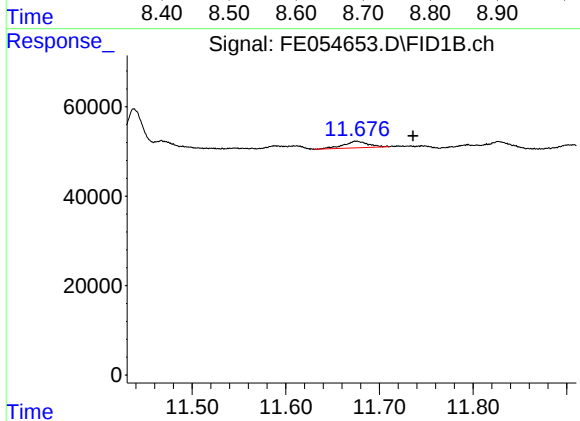




#6 n-Tetradecane (C14)

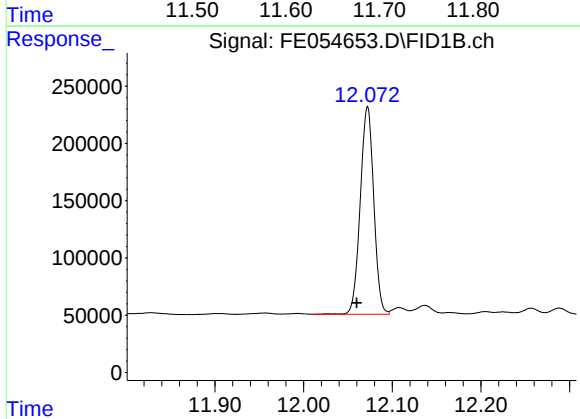
R.T.: 8.672 min
Delta R.T.: -0.005 min
Response: 54440
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-2-062725-E2DL



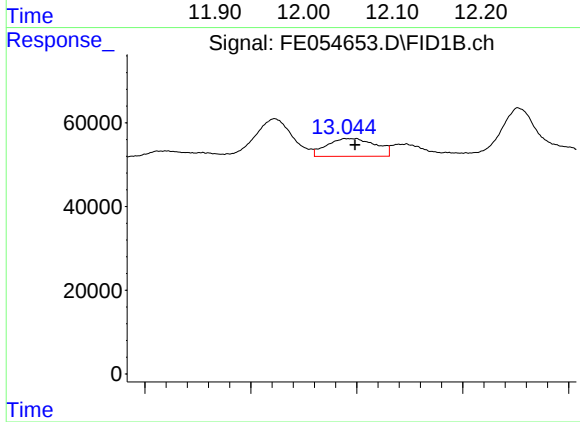
#8 n-Octadecane (C18)

R.T.: 11.676 min
Delta R.T.: -0.060 min
Response: 26696
Conc: 0.18 ug/ml



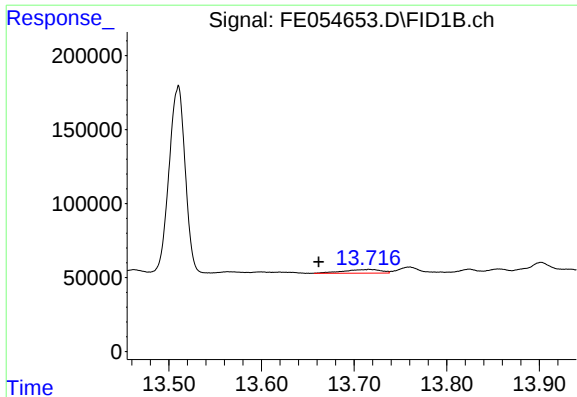
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: 0.012 min
Response: 1919872
Conc: 11.82 ug/ml



#10 n-Eicosane (C20)

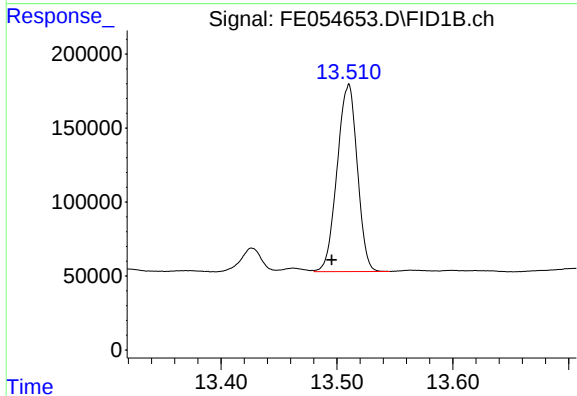
R.T.: 13.047 min
Delta R.T.: -0.002 min
Response: 67868
Conc: 0.47 ug/ml



#11 n-Heneicosane (C21)

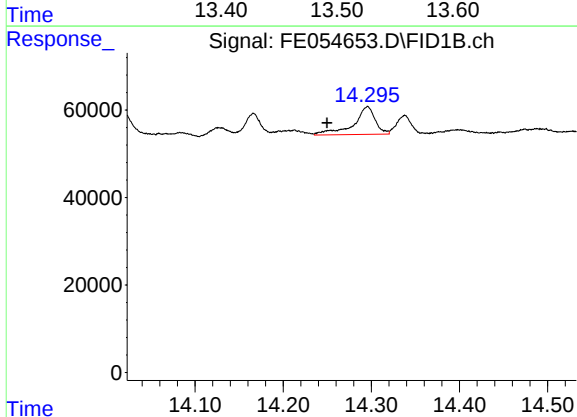
R.T.: 13.717 min
Delta R.T.: 0.055 min
Response: 69727
Conc: 0.49 ug/ml

Instrument :
FID_E
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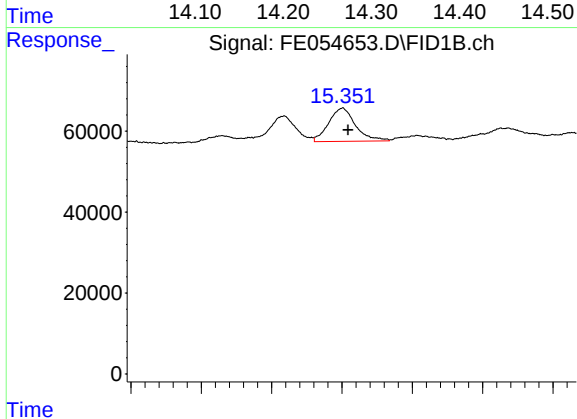
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: 0.014 min
Response: 1529740
Conc: 12.11 ug/ml



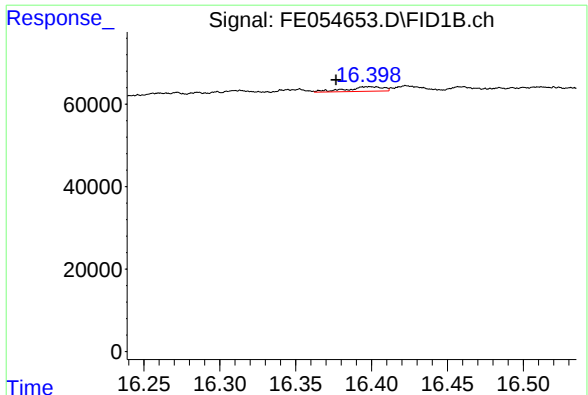
#13 n-Docosane (C22)

R.T.: 14.295 min
Delta R.T.: 0.046 min
Response: 108150
Conc: 0.76 ug/ml



#14 n-Tetracosane (C24)

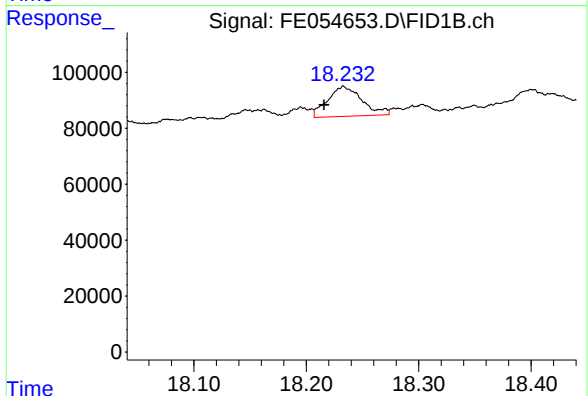
R.T.: 15.350 min
Delta R.T.: -0.004 min
Response: 109302
Conc: 0.75 ug/ml



#15 n-Hexacosane (C26)

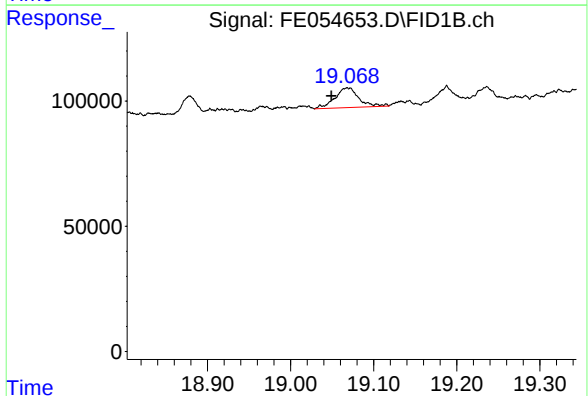
R.T.: 16.399 min
Delta R.T.: 0.022 min
Response: 18711
Conc: 0.13 ug/ml

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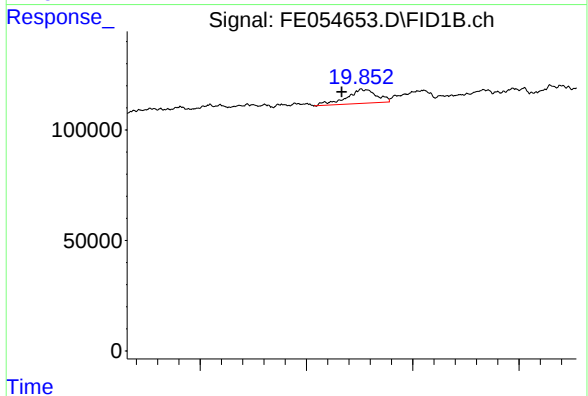
#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: 0.017 min
Response: 226646
Conc: 1.44 ug/ml



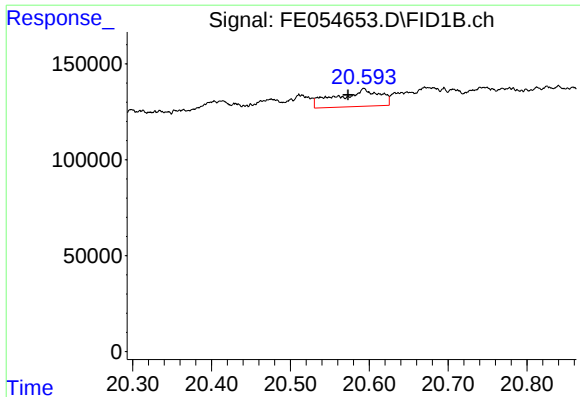
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.019 min
Response: 158130
Conc: 0.98 ug/ml



#19 n-Tetratriacontane (C34)

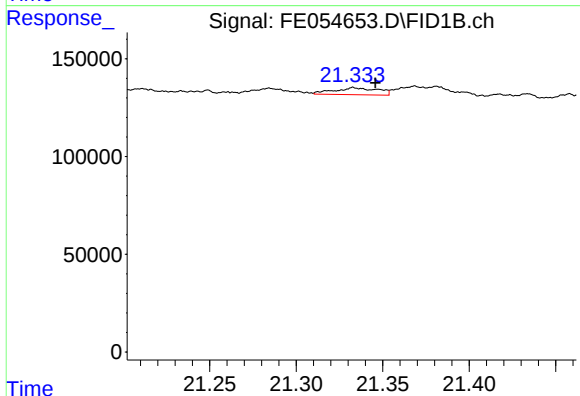
R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 124037
Conc: 0.81 ug/ml



#20 n-Hexatriacontane (C36)

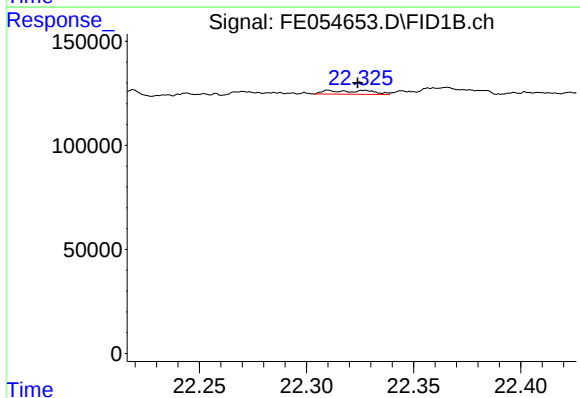
R.T.: 20.594 min
Delta R.T.: 0.020 min
Response: 341938
Conc: 2.54 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.334 min
Delta R.T.: -0.012 min
Response: 63145
Conc: 0.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.003 min
Response: 26212
Conc: 0.24 ug/ml