

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054545.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 17:56
 Operator : YP\AJ
 Sample : Q2381-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 291431

Integration File: autoint1.e
 Quant Time: Jun 24 03:08:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.832	7612995	46.074 ug/ml
Spiked Amount 50.000		Recovery =	92.15%
12) S 1-chlorooctadecane (S...	13.276	5321098	43.634 ug/ml
Spiked Amount 50.000		Recovery =	87.27%
Target Compounds			
4) T n-Dodecane (C12)	6.648	18168	0.143 ug/ml
5) T A~2-methylnaphthalene...	7.275	57998	0.438 ug/ml
6) T n-Tetradecane (C14)	8.457	229418	1.772 ug/ml
8) T n-Octadecane (C18)	11.533	21806	0.161 ug/ml
10) T n-Eicosane (C20)	12.833	679739	5.081 ug/ml
11) T n-Heneicosane (C21)	13.438	89948	0.676 ug/ml
13) T n-Docosane (C22)	14.022	150352	1.147 ug/ml
14) T n-Tetracosane (C24)	15.124	658248	5.103 ug/ml
15) T n-Hexacosane (C26)	16.152	64073	0.510 ug/ml
16) T n-Octacosane (C28)	17.101	25493	0.208 ug/ml
17) T n-Tricontane (C30)	17.992	41278	0.333 ug/ml
18) T n-Dotriacontane (C32)	18.823	94478	0.752 ug/ml
19) T n-Tetratriacontane (C34)	19.625	116136	0.934 ug/ml
21) T n-Octatriacontane (C38)	21.072	102175	0.774 ug/ml

(f)=RT Delta > 1/2 Window

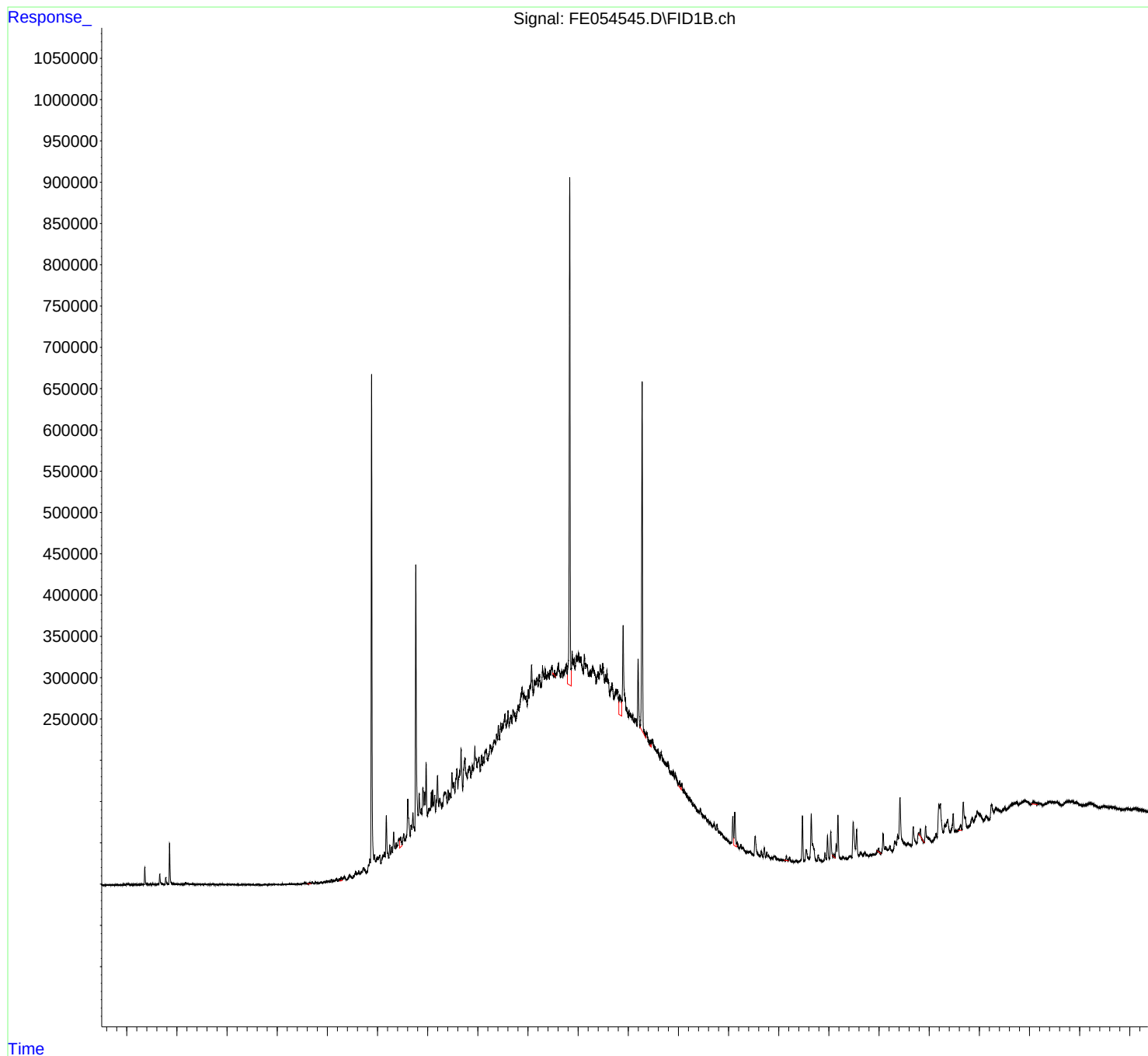
(m)=manual int.

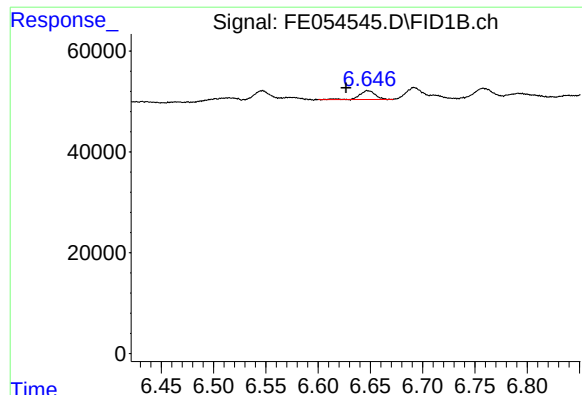
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
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Signal Info : 20M x 0.18mm x 0.18um

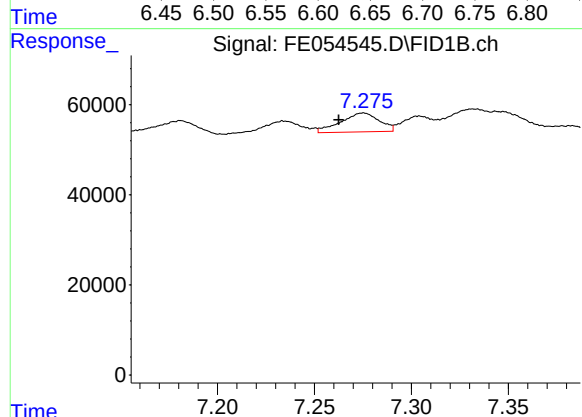




#4 n-Dodecane (C12)

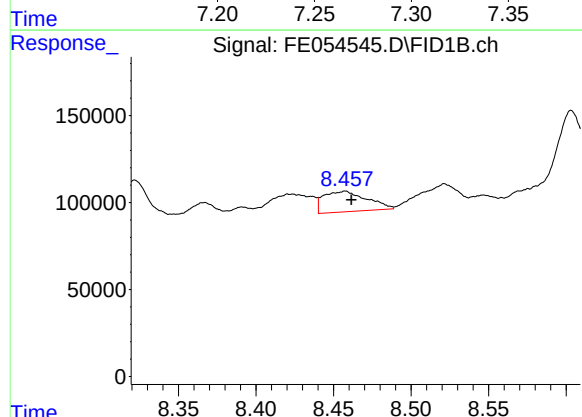
R.T.: 6.648 min
Delta R.T.: 0.021 min
Response: 18168
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :
291431



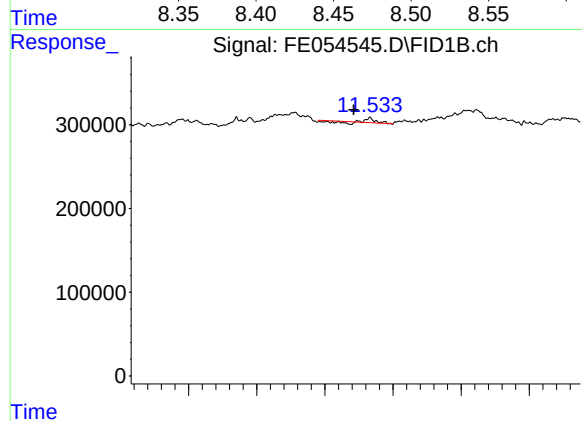
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: 0.012 min
Response: 57998
Conc: 0.44 ug/ml



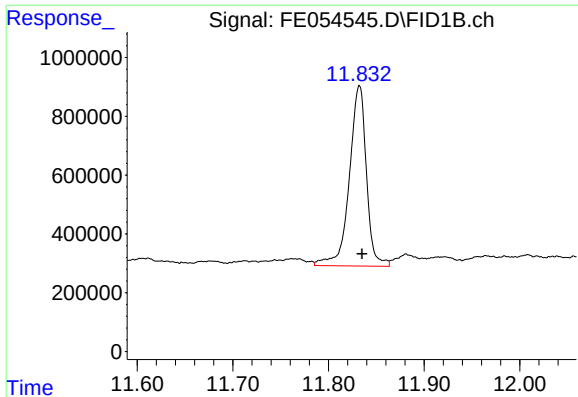
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 229418
Conc: 1.77 ug/ml



#8 n-Octadecane (C18)

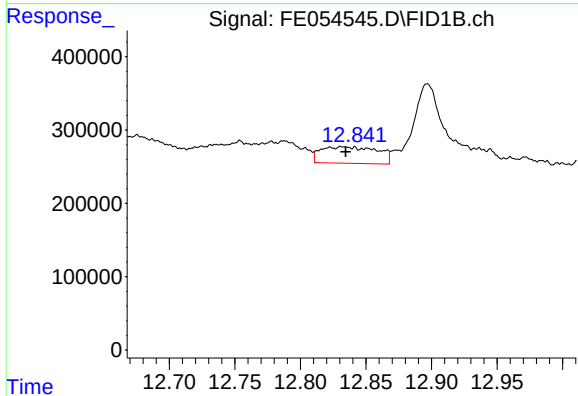
R.T.: 11.533 min
Delta R.T.: 0.012 min
Response: 21806
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

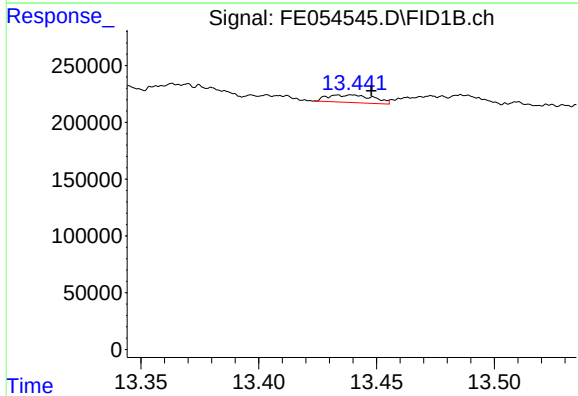
R.T.: 11.832 min
Delta R.T.: -0.003 min
Response: 7612995
Conc: 46.07 ug/ml

Instrument :
FID_E
ClientSampleId :
291431



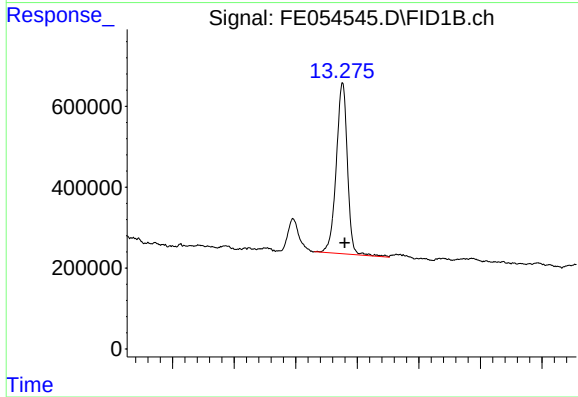
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.002 min
Response: 679739
Conc: 5.08 ug/ml



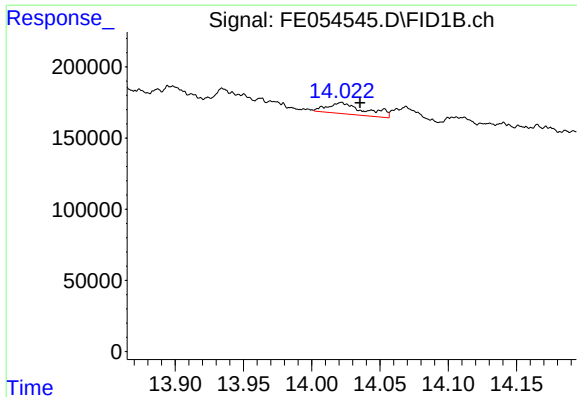
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.009 min
Response: 89948
Conc: 0.68 ug/ml



#12 1-chlorooctadecane (SURR)

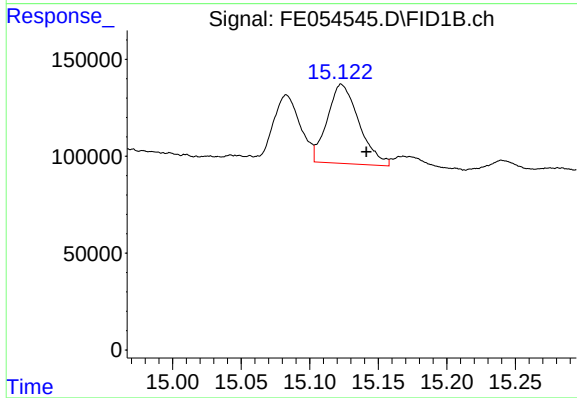
R.T.: 13.276 min
Delta R.T.: -0.004 min
Response: 5321098
Conc: 43.63 ug/ml



#13 n-Docosane (C22)

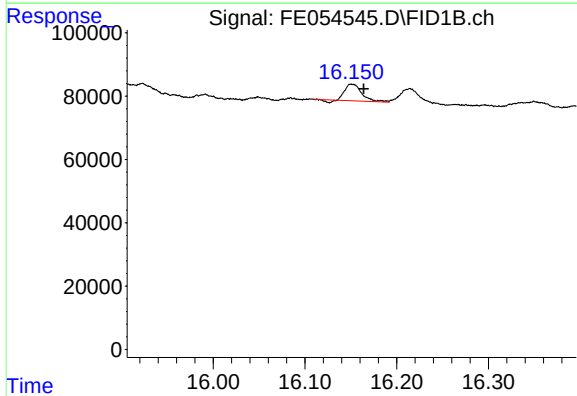
R.T.: 14.022 min
Delta R.T.: -0.014 min
Response: 150352
Conc: 1.15 ug/ml

Instrument :
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291431



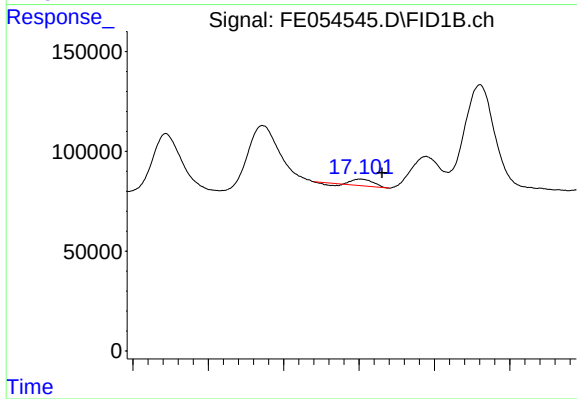
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.018 min
Response: 658248
Conc: 5.10 ug/ml



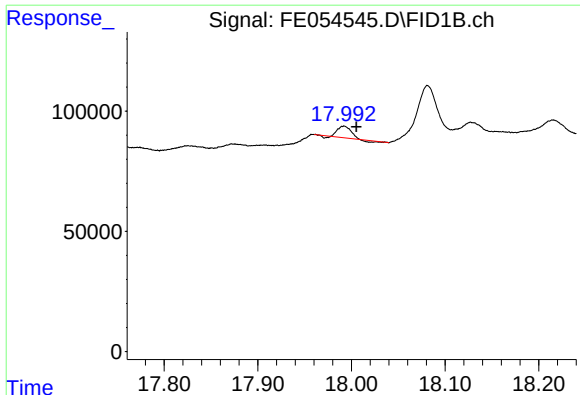
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 64073
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

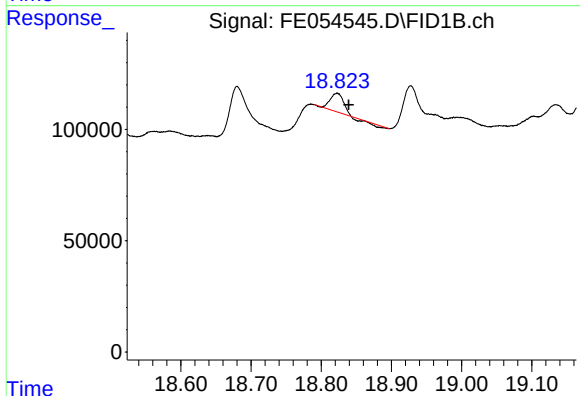
R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 25493
Conc: 0.21 ug/ml



#17 n-Tricontane (C30)

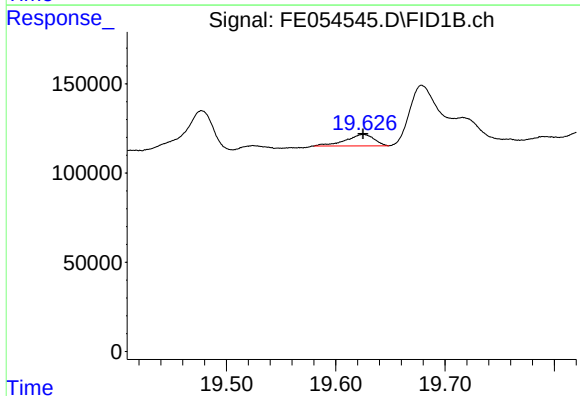
R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 41278
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :
291431



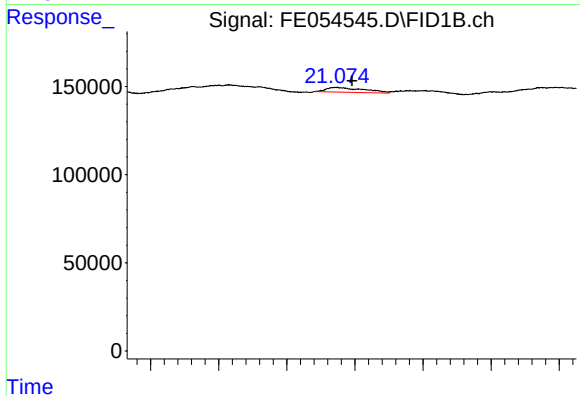
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 94478
Conc: 0.75 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: 0.000 min
Response: 116136
Conc: 0.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.023 min
Response: 102175
Conc: 0.77 ug/ml