

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054546.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 18:27
 Operator : YP\AJ
 Sample : Q2381-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 291431-E2

Integration File: autoint1.e
 Quant Time: Jun 24 03:08:38 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)	11.829	5938620	35.940 ug/ml
Spiked Amount 50.000		Recovery =	71.88%
12) S 1-chlorooctadecane (S...	13.273	3977451	32.616 ug/ml
Spiked Amount 50.000		Recovery =	65.23%
Target Compounds			
4) T n-Dodecane (C12)	6.648	18592	0.146 ug/ml
5) T A~2-methylnaphthalene...	7.274	60505	0.457 ug/ml
6) T n-Tetradecane (C14)	8.453	249439	1.927 ug/ml
8) T n-Octadecane (C18)	11.534	71542	0.530 ug/ml
10) T n-Eicosane (C20)	12.837	516626	3.862 ug/ml
11) T n-Heneicosane (C21)	13.440	93559	0.704 ug/ml
13) T n-Docosane (C22)	14.021	110592	0.843 ug/ml
14) T n-Tetracosane (C24)	15.122	798393	6.189 ug/ml
15) T n-Hexacosane (C26)	16.152	69361	0.553 ug/ml
16) T n-Octacosane (C28)	17.142	173324	1.413 ug/ml
17) T n-Tricontane (C30)	17.991	75627	0.610 ug/ml
18) T n-Dotriacontane (C32)	18.823	146099	1.163 ug/ml
19) T n-Tetratriacontane (C34)	19.622	98590	0.792 ug/ml
21) T n-Octatriacontane (C38)	21.077	35075	0.266 ug/ml

(f)=RT Delta > 1/2 Window

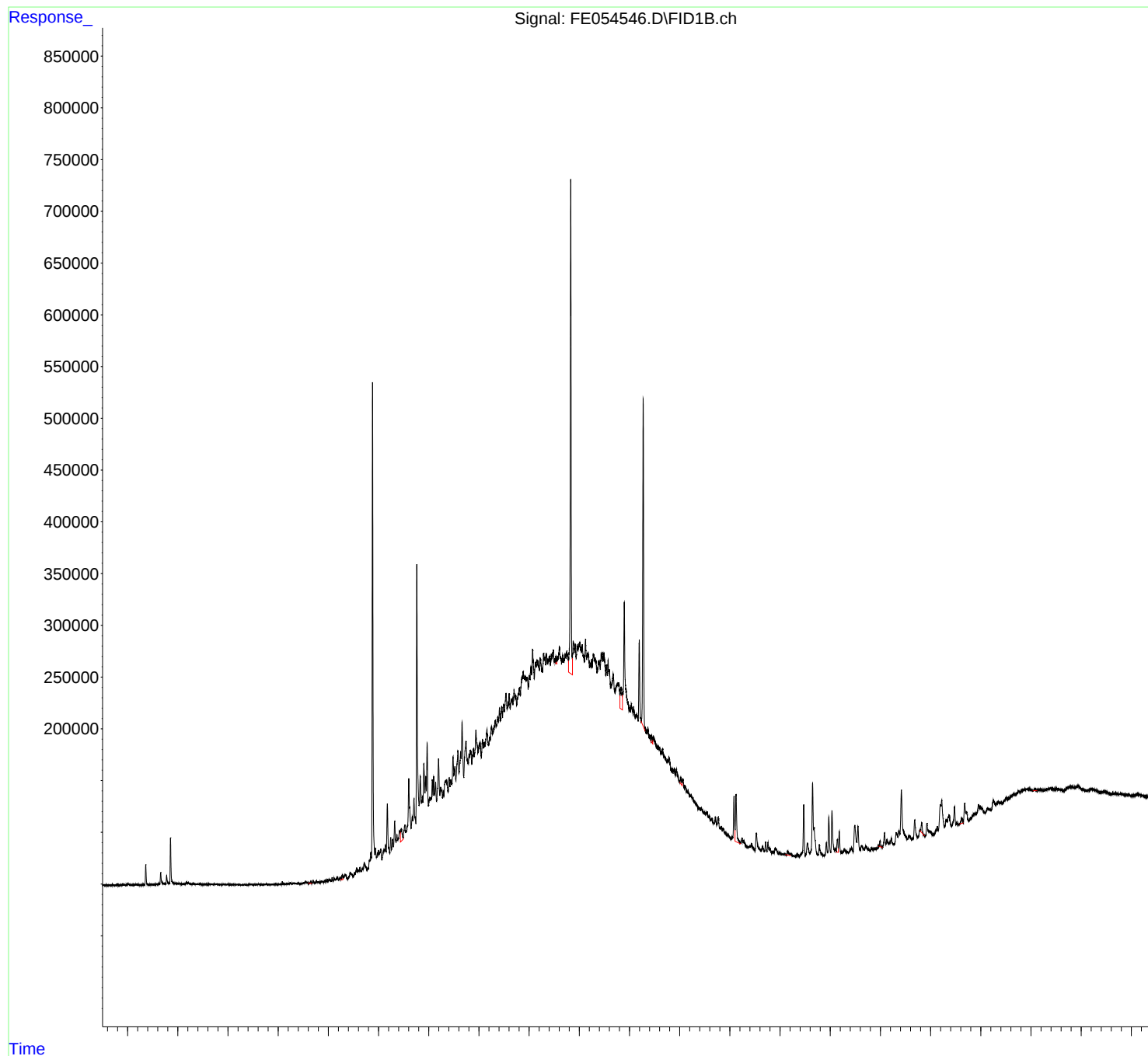
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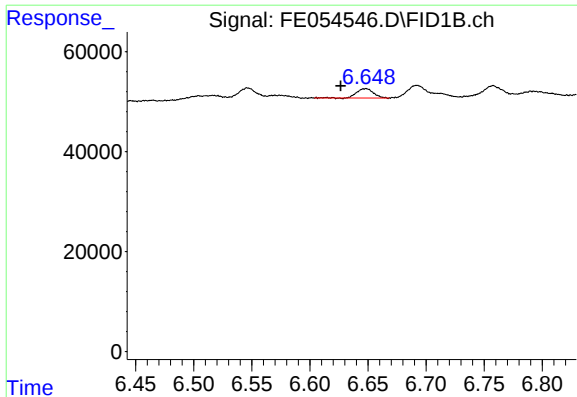
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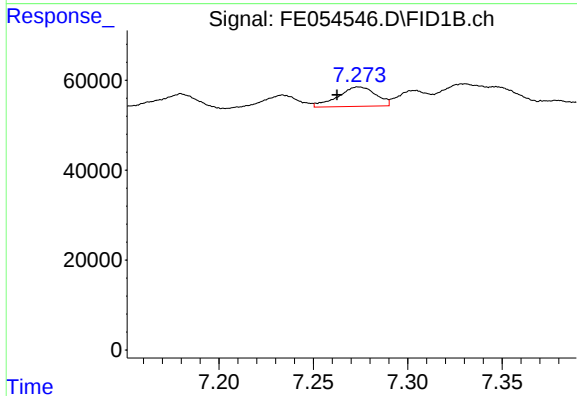




#4 n-Dodecane (C12)

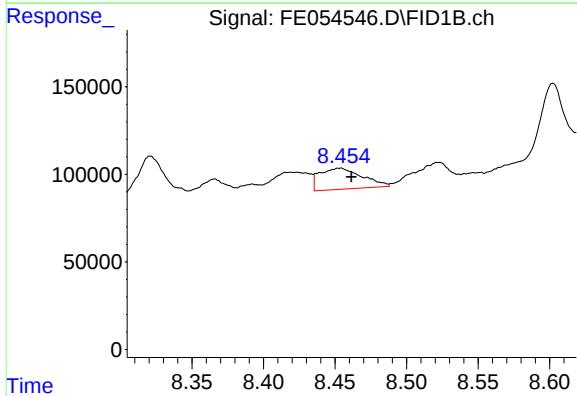
R.T.: 6.648 min
Delta R.T.: 0.021 min
Response: 18592
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :
291431-E2



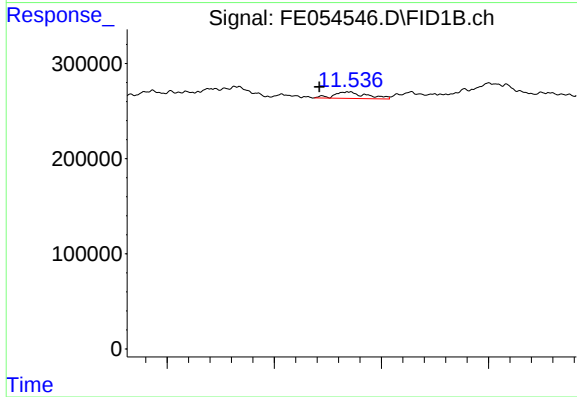
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.012 min
Response: 60505
Conc: 0.46 ug/ml



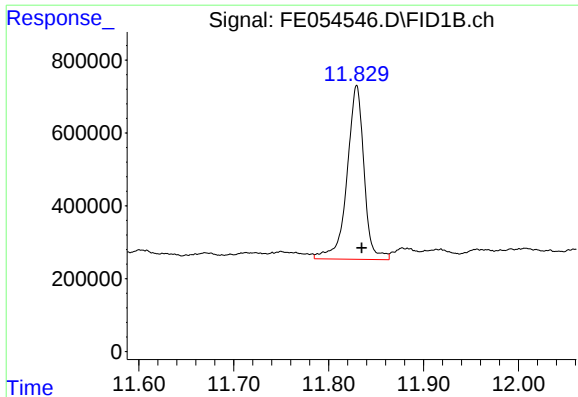
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 249439
Conc: 1.93 ug/ml



#8 n-Octadecane (C18)

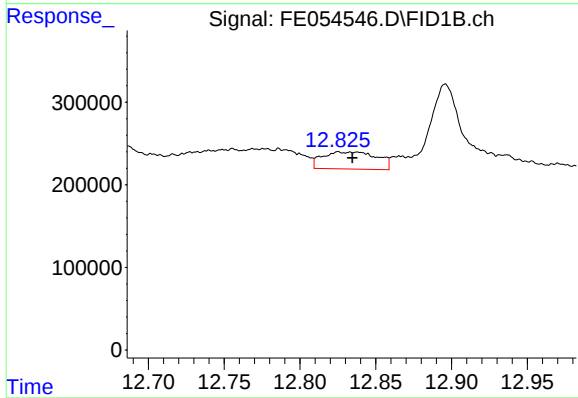
R.T.: 11.534 min
Delta R.T.: 0.013 min
Response: 71542
Conc: 0.53 ug/ml



#9 ortho-Terphenyl (SURR)

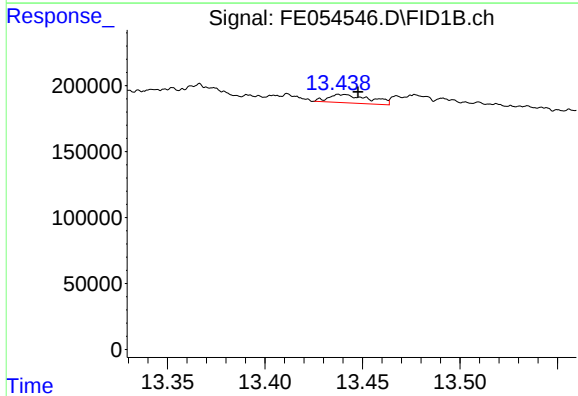
R.T.: 11.829 min
Delta R.T.: -0.005 min
Response: 5938620
Conc: 35.94 ug/ml

Instrument :
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291431-E2



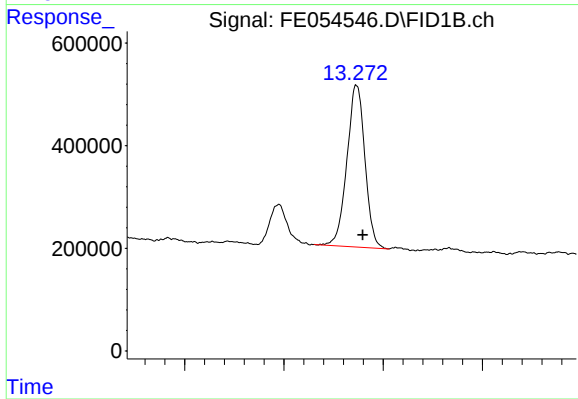
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.002 min
Response: 516626
Conc: 3.86 ug/ml



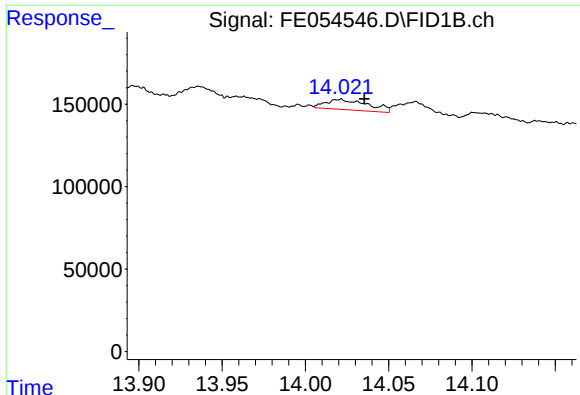
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.008 min
Response: 93559
Conc: 0.70 ug/ml



#12 1-chlorooctadecane (SURR)

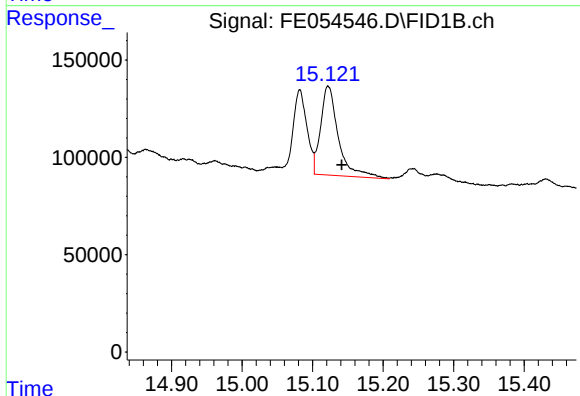
R.T.: 13.273 min
Delta R.T.: -0.006 min
Response: 3977451
Conc: 32.62 ug/ml



#13 n-Docosane (C22)

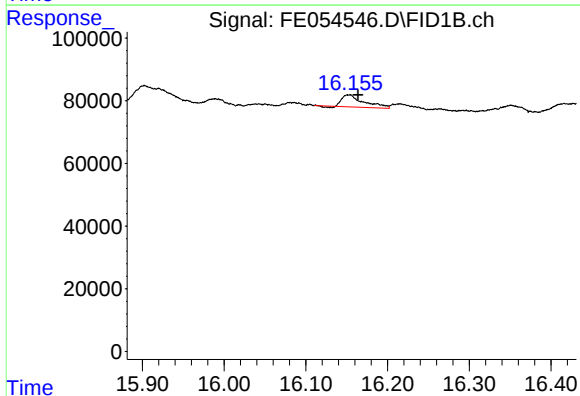
R.T.: 14.021 min
Delta R.T.: -0.015 min
Response: 110592
Conc: 0.84 ug/ml

Instrument :
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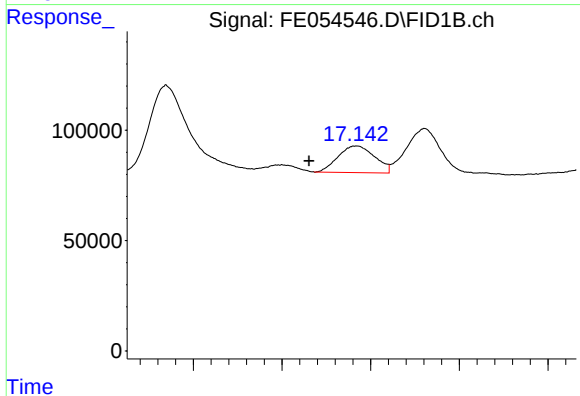
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.019 min
Response: 798393
Conc: 6.19 ug/ml



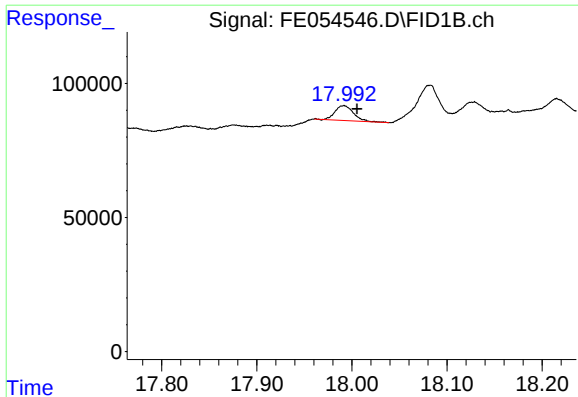
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 69361
Conc: 0.55 ug/ml



#16 n-Octacosane (C28)

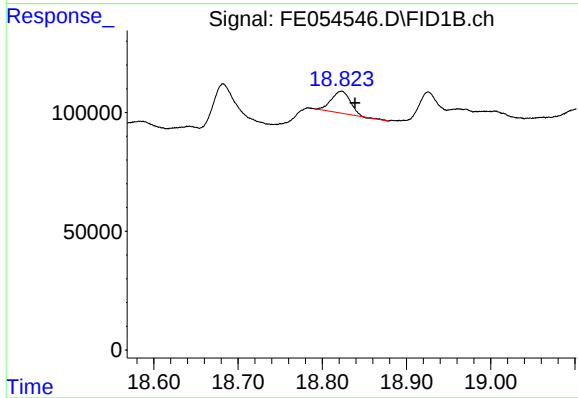
R.T.: 17.142 min
Delta R.T.: 0.027 min
Response: 173324
Conc: 1.41 ug/ml



#17 n-Tricontane (C30)

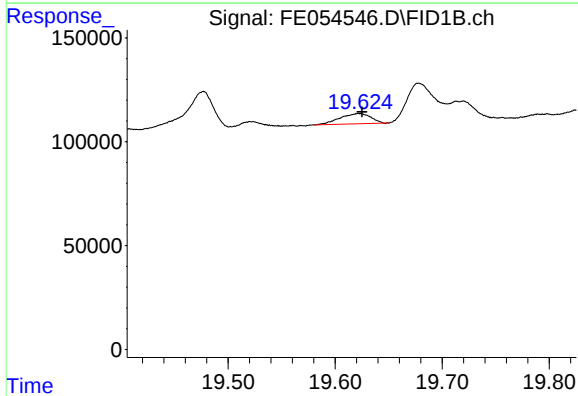
R.T.: 17.991 min
Delta R.T.: -0.014 min
Response: 75627
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :
291431-E2



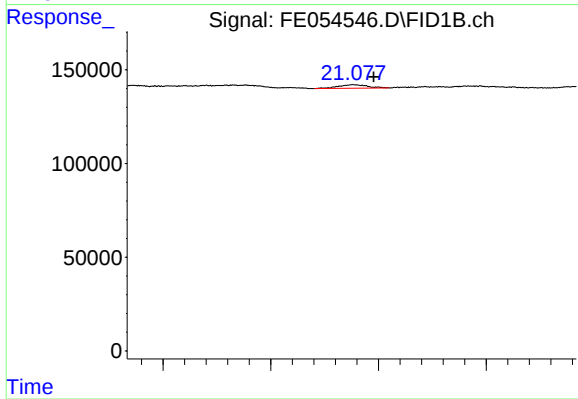
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 146099
Conc: 1.16 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 98590
Conc: 0.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.019 min
Response: 35075
Conc: 0.27 ug/ml