

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054807.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 11:20
 Operator : YP\AJ
 Sample : Q2546-02DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-7-9-2025DL

Integration File: autoint1.e
 Quant Time: Jul 12 02:08:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	427056	2.630 ug/ml
Spiked Amount 50.000		Recovery =	5.26%
12) S 1-chlorooctadecane (S...	13.517	473702	3.751 ug/ml
Spiked Amount 50.000		Recovery =	7.50%
Target Compounds			
6) T n-Tetradecane (C14)	8.689	37845	0.273 ug/ml
7) T n-Hexadecane (C16)	10.306	80831	0.567 ug/ml
8) T n-Octadecane (C18)	11.753	69564	0.475 ug/ml
10) T n-Eicosane (C20)	13.068	67847	0.472 ug/ml
11) T n-Heneicosane (C21)	13.683	23179	0.162 ug/ml
13) T n-Docosane (C22)	14.272	45026	0.315 ug/ml
14) T n-Tetracosane (C24)	15.367	290671	2.000 ug/ml
15) T n-Hexacosane (C26)	16.402	42825	0.296 ug/ml
16) T n-Octacosane (C28)	17.371	115831	0.795 ug/ml
17) T n-Tricontane (C30)	18.244	125197	0.794 ug/ml
18) T n-Dotriacontane (C32)	19.081	85751	0.530 ug/ml
19) T n-Tetratriacontane (C34)	19.873	80673	0.529 ug/ml
20) T n-Hexatriacontane (C36)	20.616	53534	0.398 ug/ml
21) T n-Octatriacontane (C38)	21.326f	98649	0.841 ug/ml

(f)=RT Delta > 1/2 Window

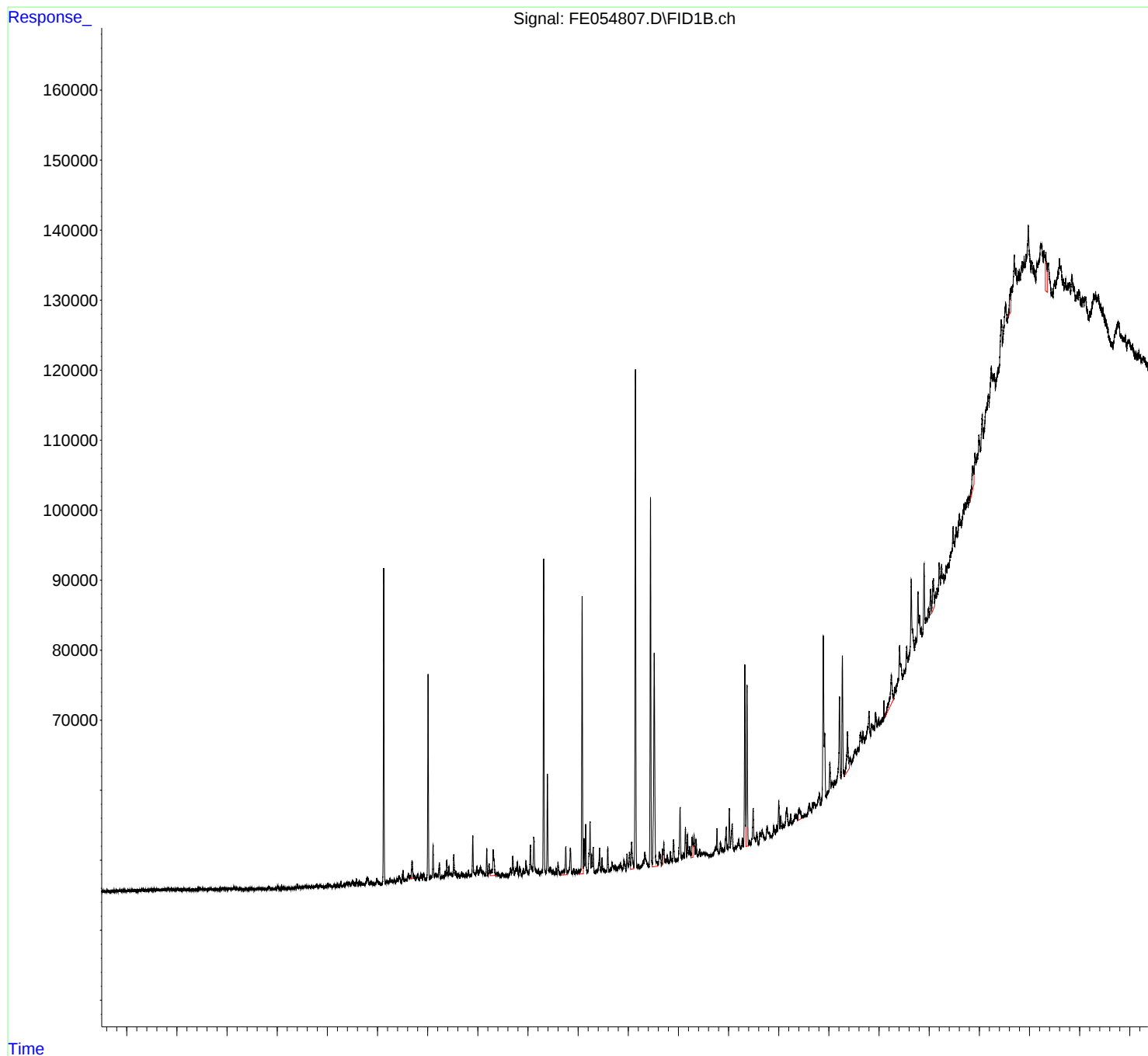
(m)=manual int.

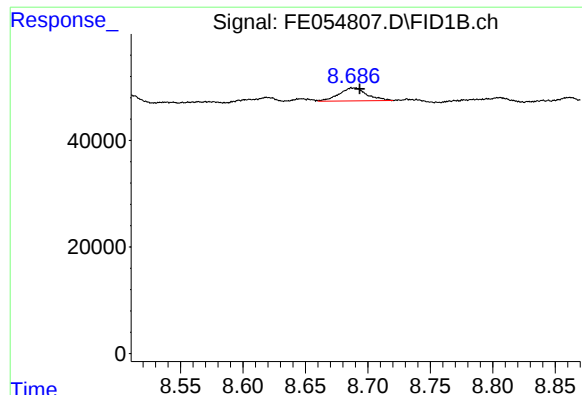
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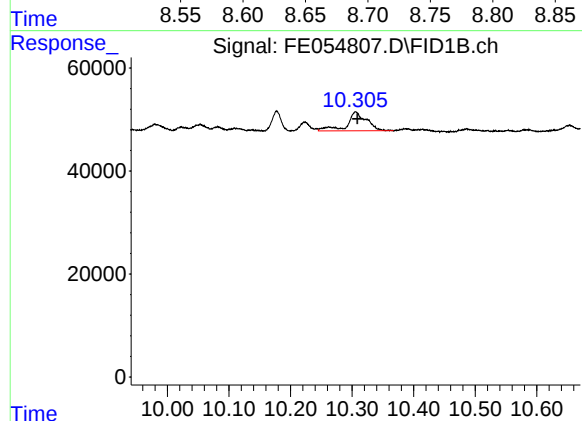




#6 n-Tetradecane (C14)

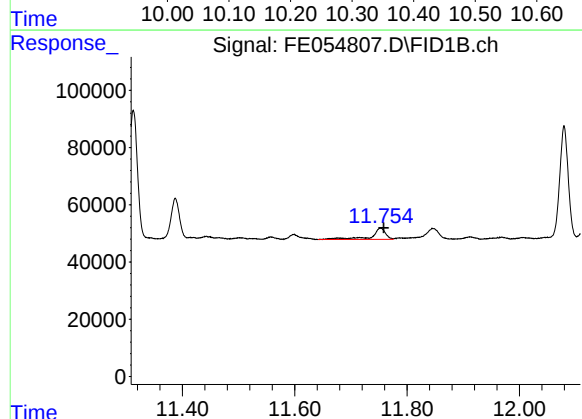
R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 37845
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-7-9-2025DL



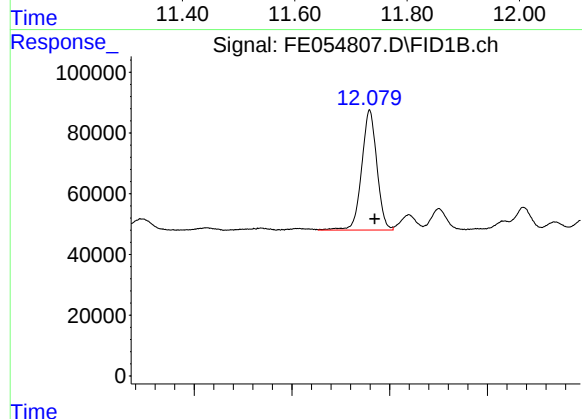
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 80831
Conc: 0.57 ug/ml



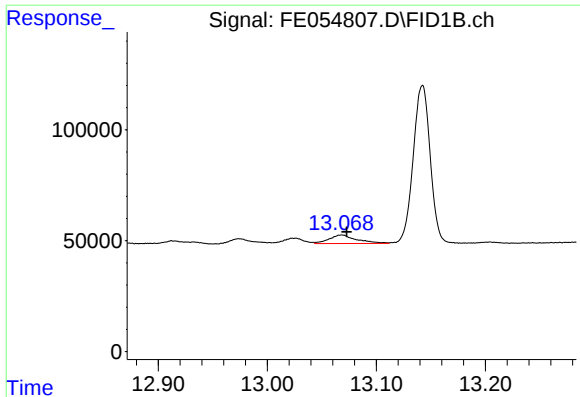
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 69564
Conc: 0.47 ug/ml



#9 ortho-Terphenyl (SURRE)

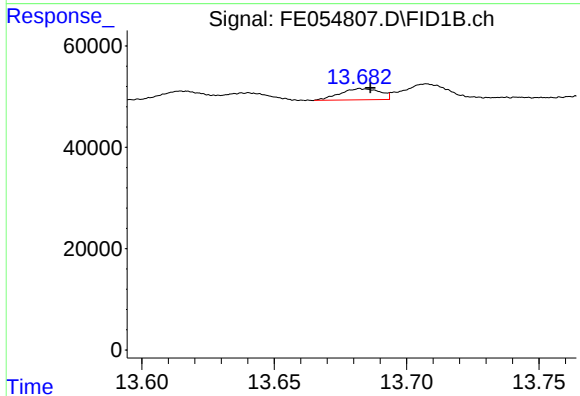
R.T.: 12.080 min
Delta R.T.: -0.005 min
Response: 427056
Conc: 2.63 ug/ml



#10 n-Eicosane (C20)

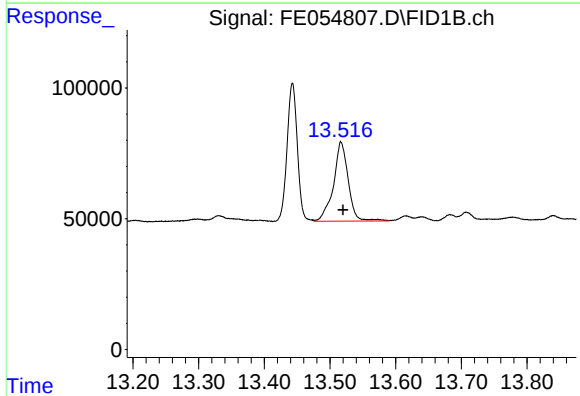
R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 67847
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-7-9-2025DL



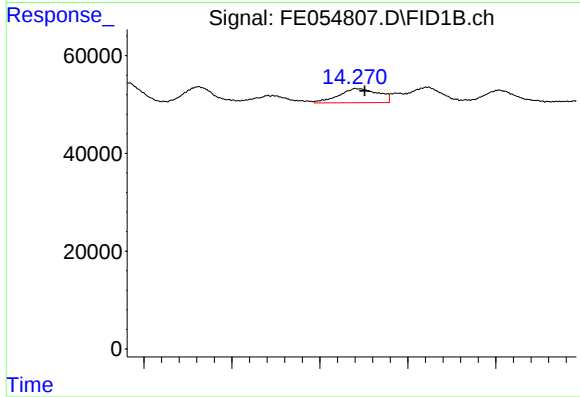
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.003 min
Response: 23179
Conc: 0.16 ug/ml



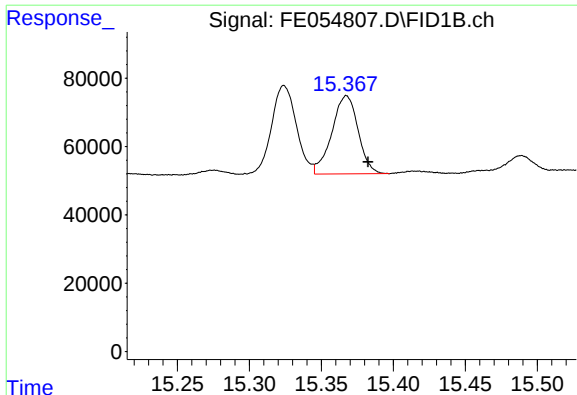
#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 473702
Conc: 3.75 ug/ml



#13 n-Docosane (C22)

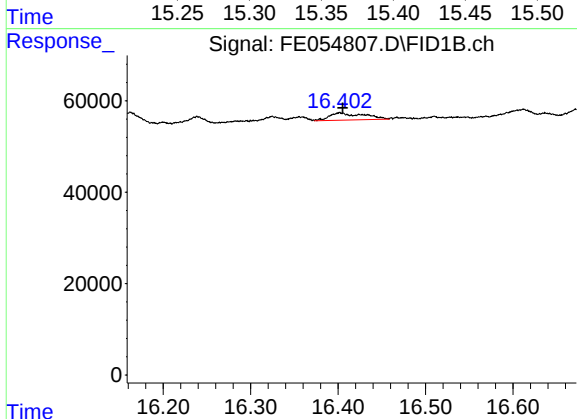
R.T.: 14.272 min
Delta R.T.: -0.004 min
Response: 45026
Conc: 0.32 ug/ml



#14 n-Tetracosane (C24)

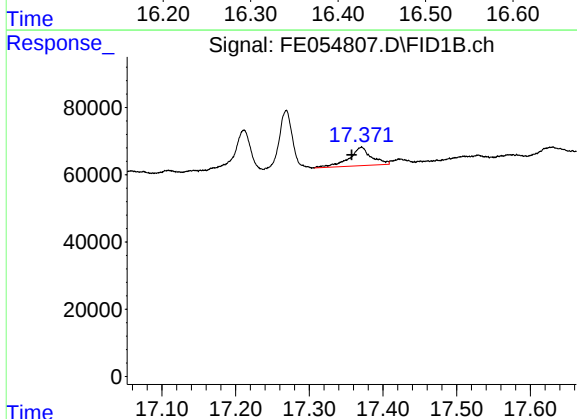
R.T.: 15.367 min
Delta R.T.: -0.015 min
Response: 290671
Conc: 2.00 ug/ml

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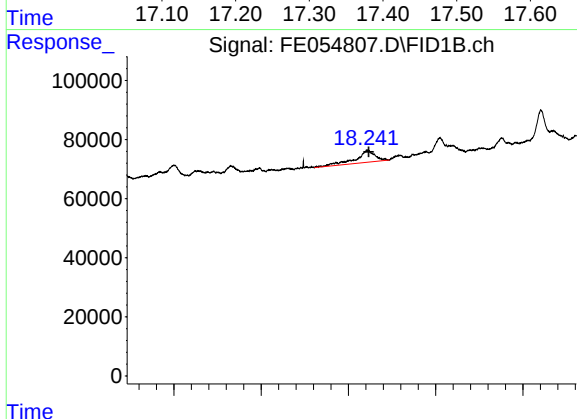
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 42825
Conc: 0.30 ug/ml



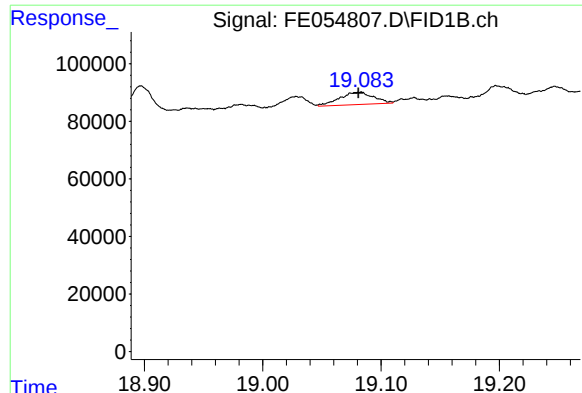
#16 n-Octacosane (C28)

R.T.: 17.371 min
Delta R.T.: 0.013 min
Response: 115831
Conc: 0.79 ug/ml



#17 n-Tricontane (C30)

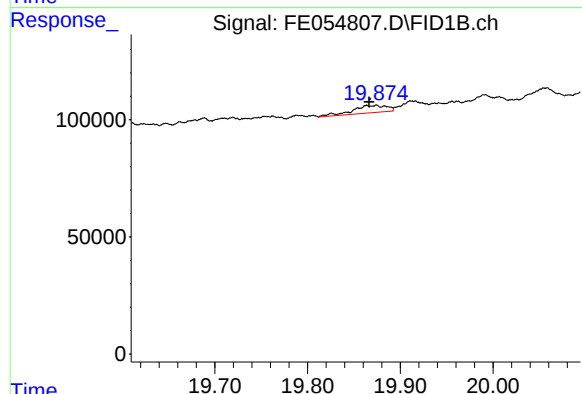
R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 125197
Conc: 0.79 ug/ml



#18 n-Dotriacontane (C32)

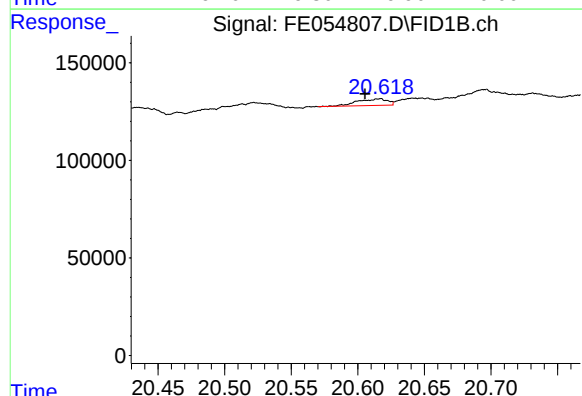
R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 85751
Conc: 0.53 ug/ml

Instrument :
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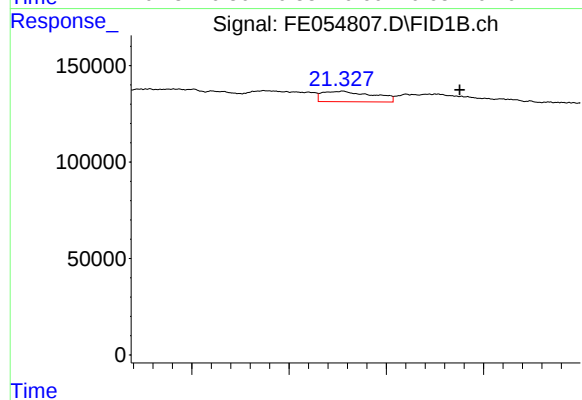
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.007 min
Response: 80673
Conc: 0.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.616 min
Delta R.T.: 0.010 min
Response: 53534
Conc: 0.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.326 min
Delta R.T.: -0.061 min
Response: 98649
Conc: 0.84 ug/ml