

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091125AL\
 Data File : FE055782.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2025 21:45
 Operator : YP\AJ
 Sample : Q3077-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0137

Integration File: autoint1.e
 Quant Time: Sep 12 01:23:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.074	5453896	33.198 ug/ml
Spiked Amount 50.000		Recovery =	66.40%
12) S 1-chlorooctadecane (S...	13.511	4324985	34.587 ug/ml
Spiked Amount 50.000		Recovery =	69.17%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.352	110444	0.760 ug/ml
5) T A~2-methylnaphthalene...	7.495	241491	1.717 ug/ml
6) T n-Tetradecane (C14)	8.673	325100	2.469 ug/ml
8) T n-Octadecane (C18)	11.782	239336	1.641 ug/ml
10) T n-Eicosane (C20)	13.060	229883	1.597 ug/ml
11) T n-Heneicosane (C21)	13.681	125979	0.882 ug/ml
13) T n-Docosane (C22)	14.268	261104	1.824 ug/ml
14) T n-Tetracosane (C24)	15.395	2179707	15.064 ug/ml
15) T n-Hexacosane (C26)	16.443	729584	5.107 ug/ml
16) T n-Octacosane (C28)	17.326	474045	3.333 ug/ml
17) T n-Tricontane (C30)	18.237	250582	1.695 ug/ml
18) T n-Dotriacontane (C32)	19.070	213209	1.453 ug/ml
19) T n-Tetratriacontane (C34)	19.852	237540	1.681 ug/ml

(f)=RT Delta > 1/2 Window

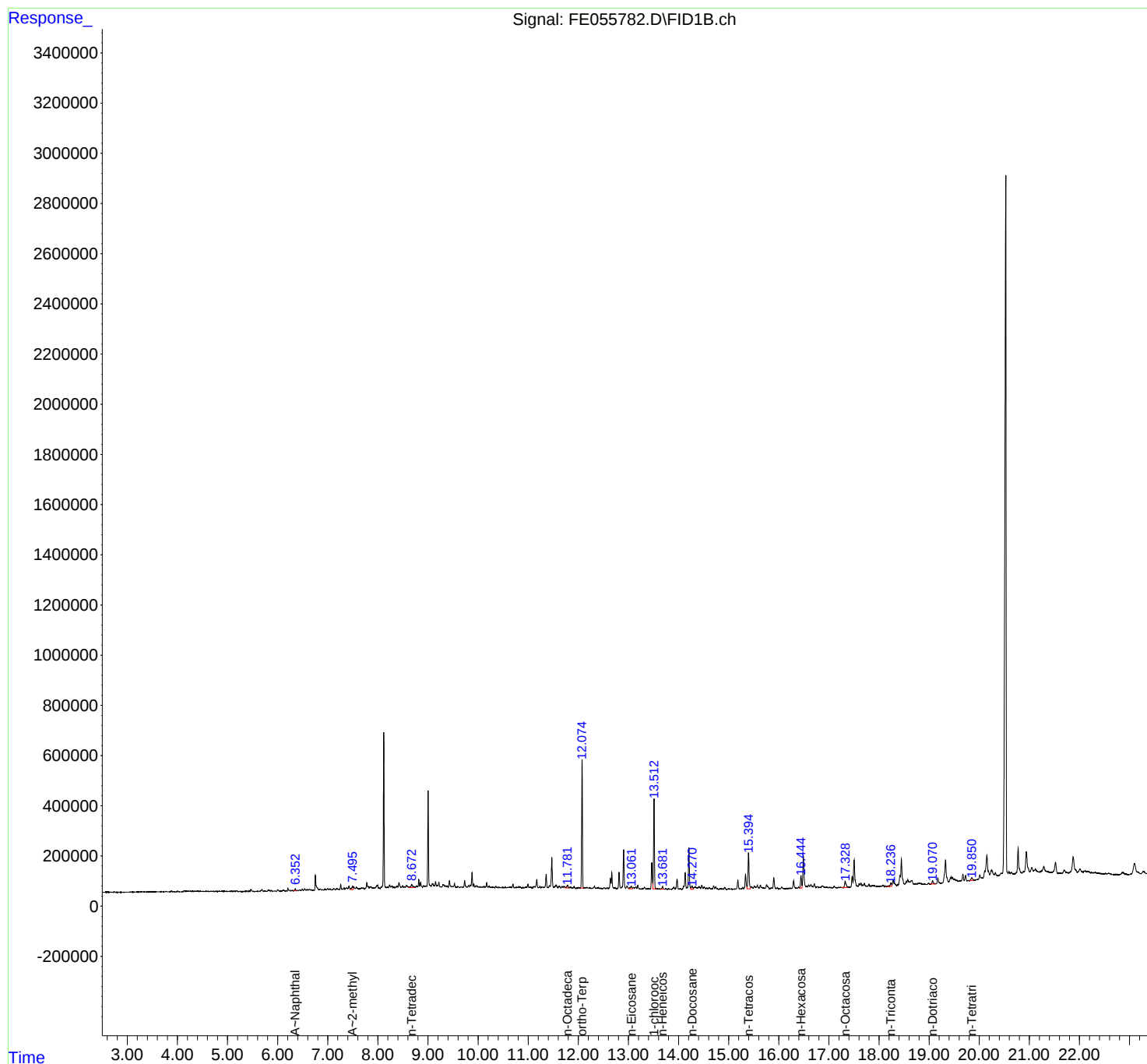
(m)=manual int.

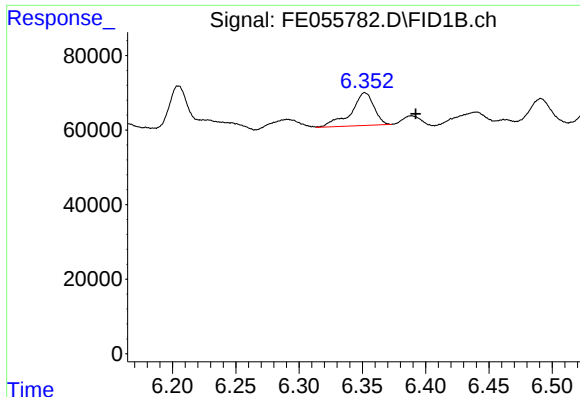
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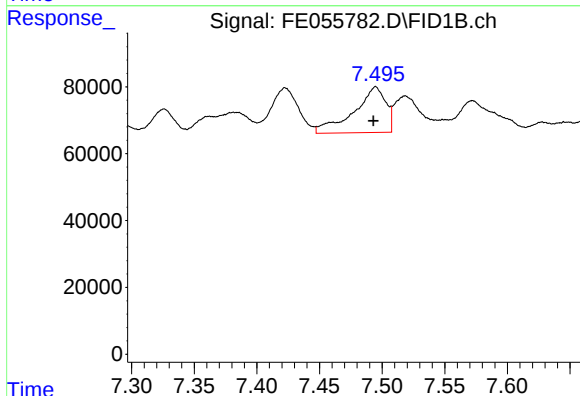




#3 A~Naphthalene (C11.7)

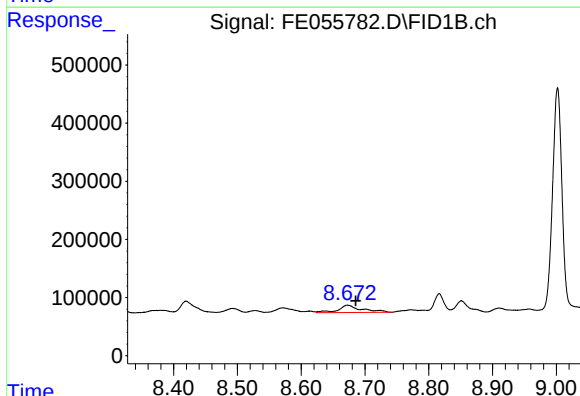
R.T.: 6.352 min
Delta R.T.: -0.040 min
Response: 110444
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0137



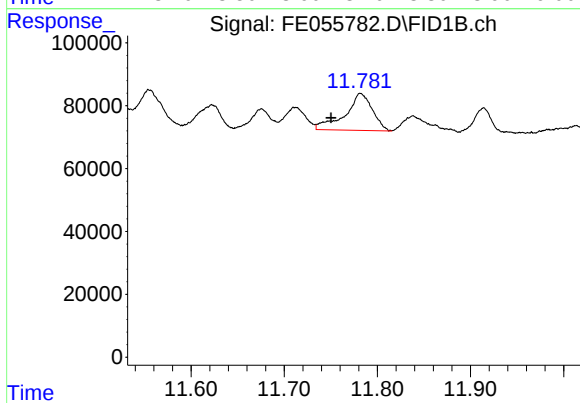
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 241491
Conc: 1.72 ug/ml



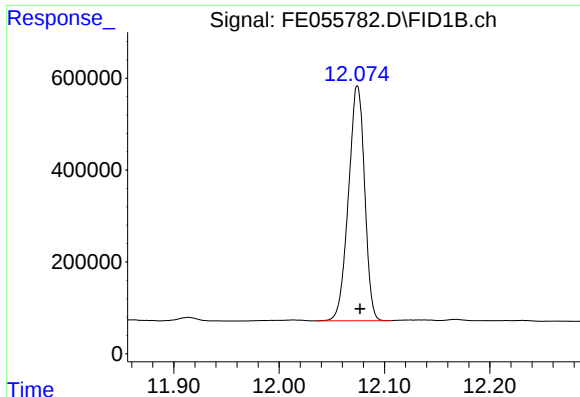
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.012 min
Response: 325100
Conc: 2.47 ug/ml



#8 n-Octadecane (C18)

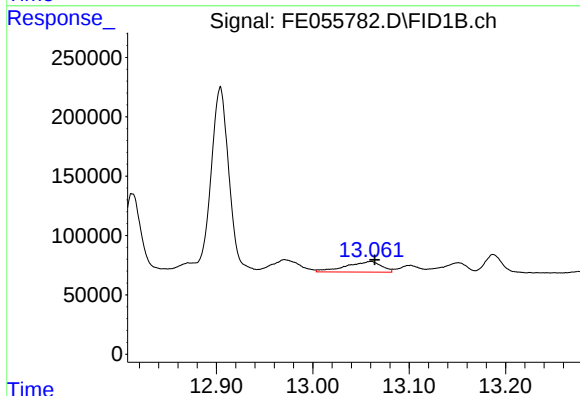
R.T.: 11.782 min
Delta R.T.: 0.032 min
Response: 239336
Conc: 1.64 ug/ml



#9 ortho-Terphenyl (SURR)

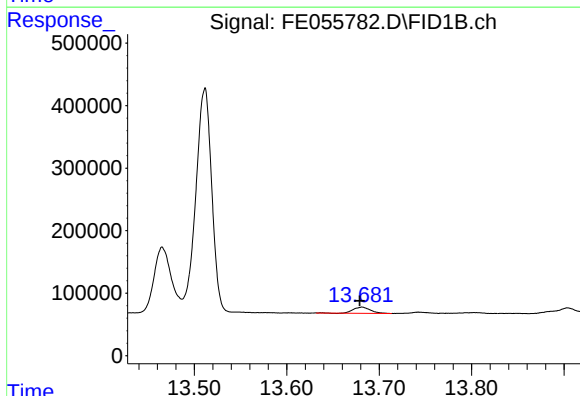
R.T.: 12.074 min
Delta R.T.: -0.002 min
Response: 5453896
Conc: 33.20 ug/ml

Instrument :
FID_E
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LAW-25-0137



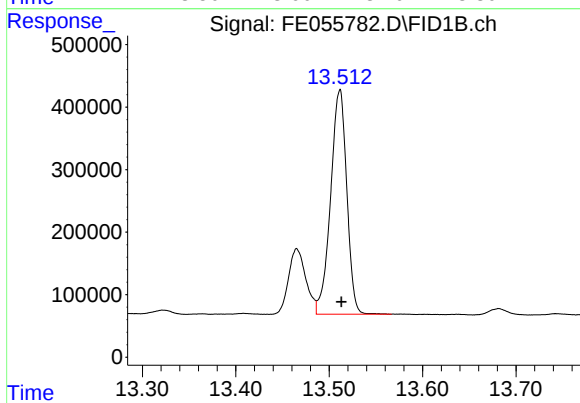
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.005 min
Response: 229883
Conc: 1.60 ug/ml



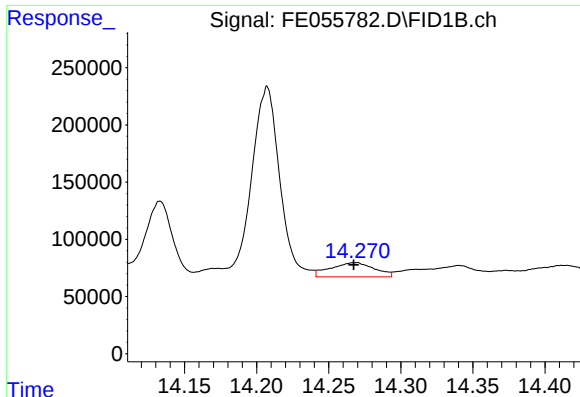
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 125979
Conc: 0.88 ug/ml



#12 1-chlorooctadecane (SURR)

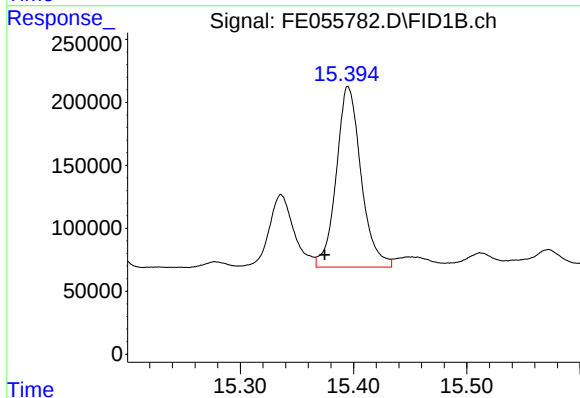
R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 4324985
Conc: 34.59 ug/ml



#13 n-Docosane (C22)

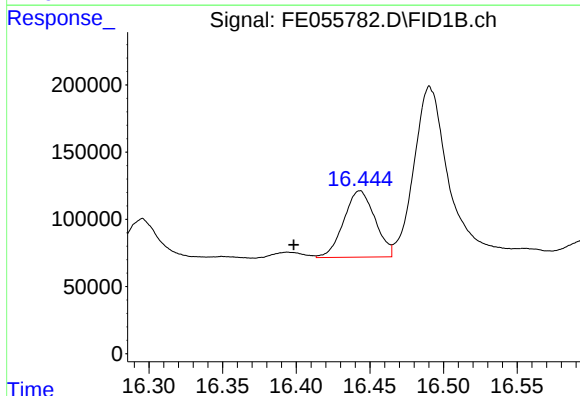
R.T.: 14.268 min
Delta R.T.: 0.000 min
Response: 261104
Conc: 1.82 ug/ml

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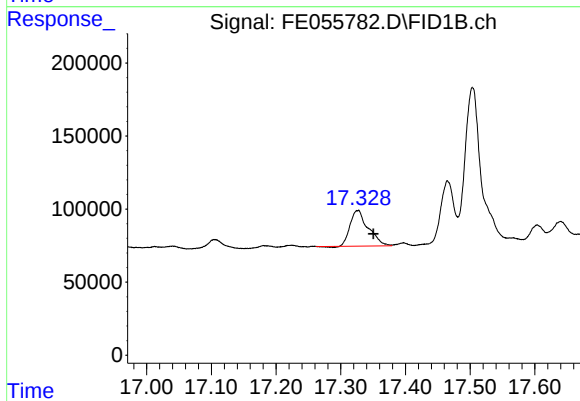
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: 0.021 min
Response: 2179707
Conc: 15.06 ug/ml



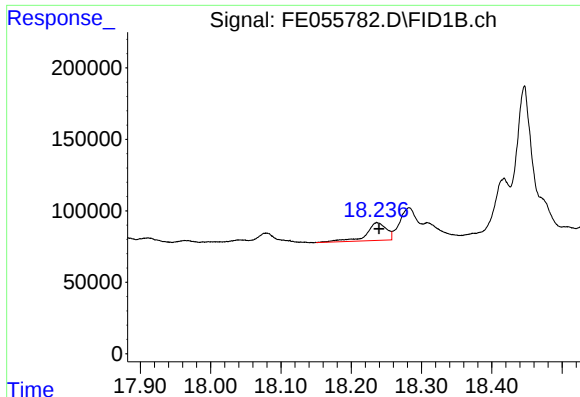
#15 n-Hexacosane (C26)

R.T.: 16.443 min
Delta R.T.: 0.045 min
Response: 729584
Conc: 5.11 ug/ml



#16 n-Octacosane (C28)

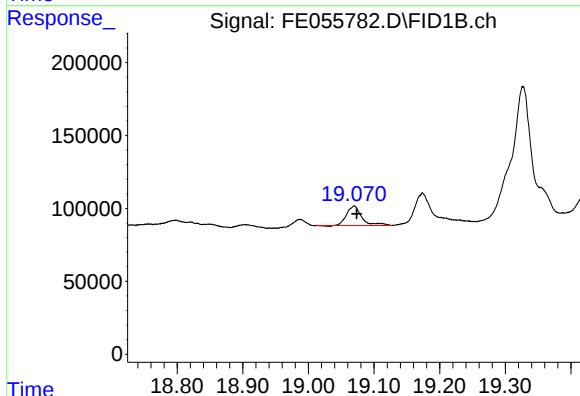
R.T.: 17.326 min
Delta R.T.: -0.024 min
Response: 474045
Conc: 3.33 ug/ml



#17 n-Tricontane (C30)

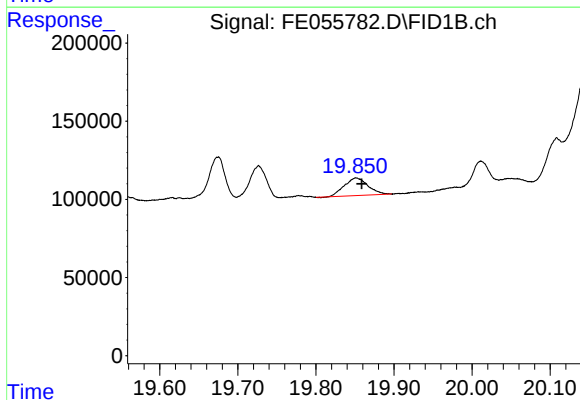
R.T.: 18.237 min
Delta R.T.: -0.003 min
Response: 250582
Conc: 1.70 ug/ml

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#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.004 min
Response: 213209
Conc: 1.45 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.007 min
Response: 237540
Conc: 1.68 ug/ml