

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054254.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 19:11
 Operator : YP\AJ
 Sample : Q2240-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-EPH

Integration File: autoint1.e
 Quant Time: Jun 10 03:10:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	4822757	29.676 ug/ml
Spiked Amount 50.000		Recovery =	59.35%
12) S 1-chlorooctadecane (S...	13.286	3973830	33.520 ug/ml
Spiked Amount 50.000		Recovery =	67.04%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.176	46356	0.323 ug/ml
6) T n-Tetradecane (C14)	8.464	40191	0.298 ug/ml
7) T n-Hexadecane (C16)	10.077	56540	0.419 ug/ml
8) T n-Octadecane (C18)	11.523	24242	0.180 ug/ml
10) T n-Eicosane (C20)	12.831	165633	1.260 ug/ml
11) T n-Heneicosane (C21)	13.452	28152	0.217 ug/ml
13) T n-Docosane (C22)	14.077	204113	1.600 ug/ml
14) T n-Tetracosane (C24)	15.138	726276	5.805 ug/ml
15) T n-Hexacosane (C26)	16.172	53864	0.440 ug/ml
16) T n-Octacosane (C28)	17.157	141903	1.167 ug/ml
17) T n-Tricontane (C30)	18.011	99505	0.799 ug/ml
18) T n-Dotriacontane (C32)	18.843	126655	1.013 ug/ml
21) T n-Octatriacontane (C38)	21.170f	420711	3.866 ug/ml

(f)=RT Delta > 1/2 Window

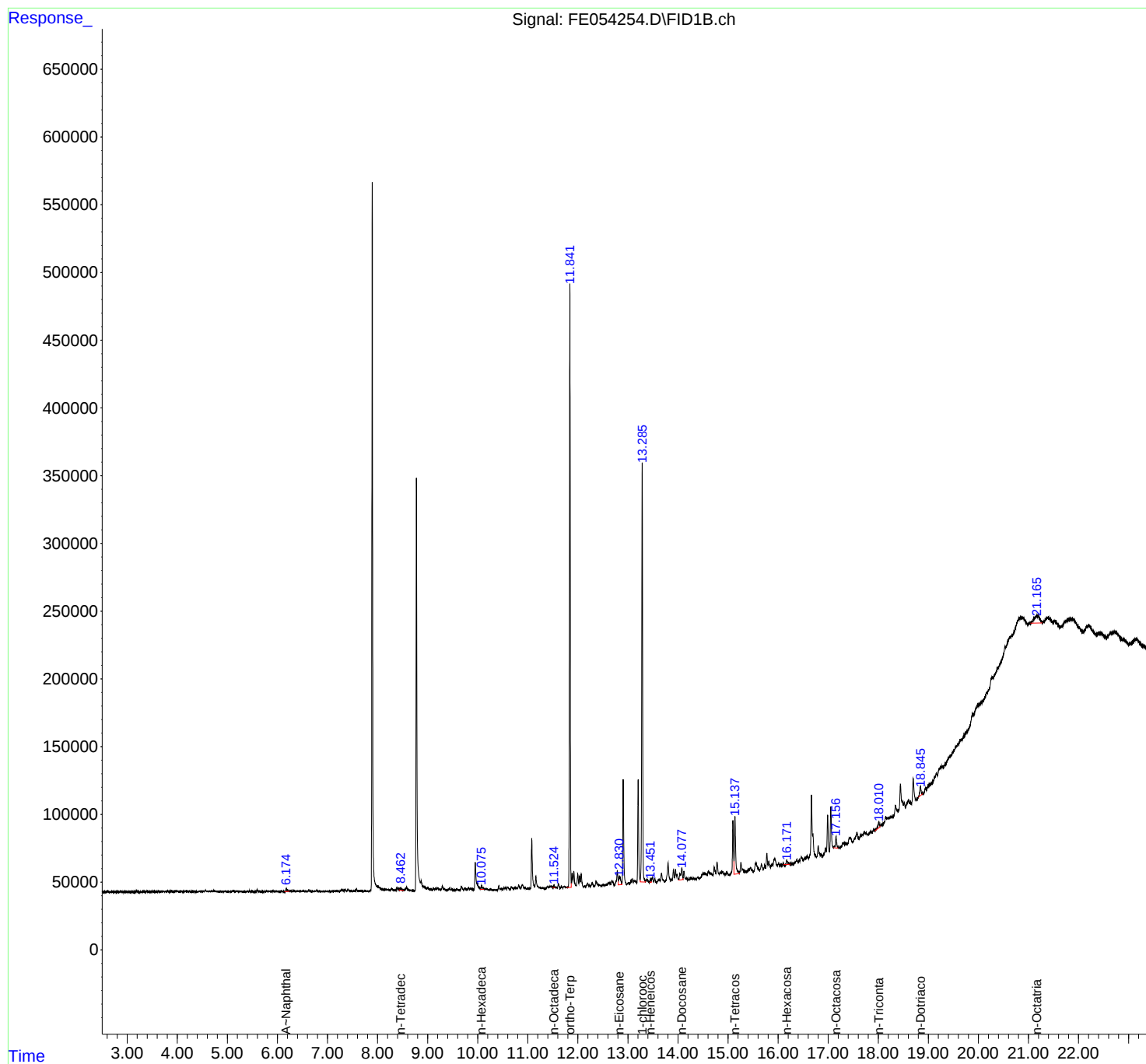
(m)=manual int.

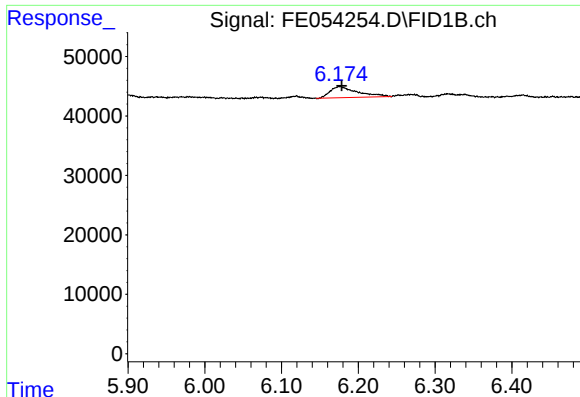
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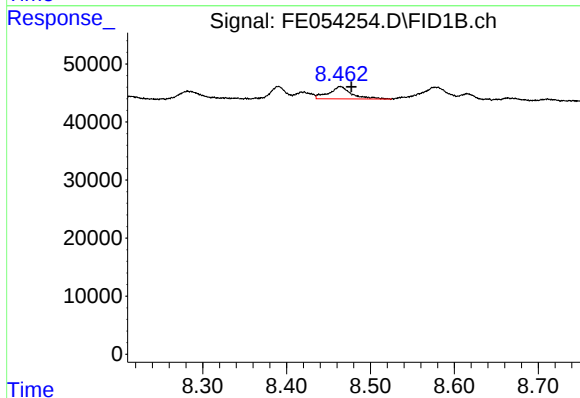




#3 A~Naphthalene (C11.7)

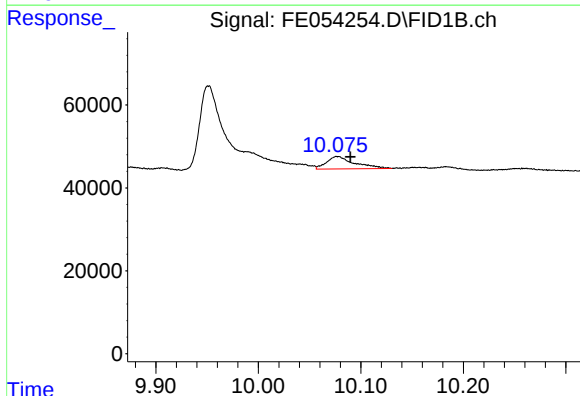
R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 46356
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



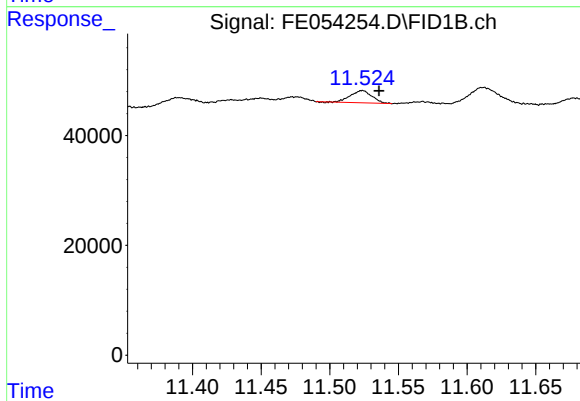
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.013 min
Response: 40191
Conc: 0.30 ug/ml



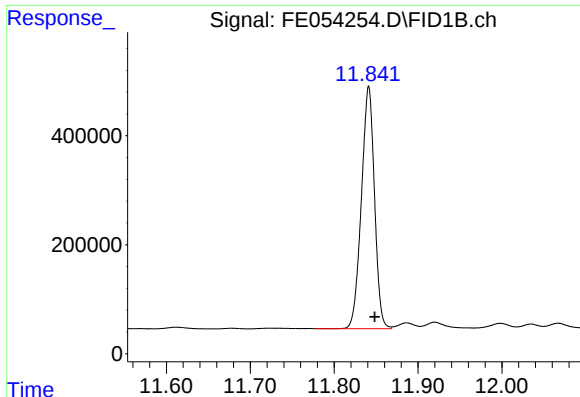
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.012 min
Response: 56540
Conc: 0.42 ug/ml



#8 n-Octadecane (C18)

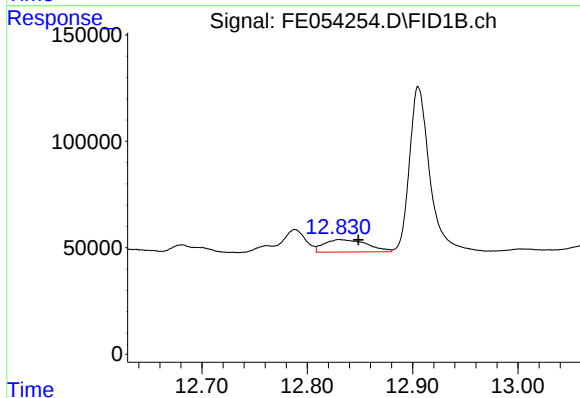
R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 24242
Conc: 0.18 ug/ml



#9 ortho-Terphenyl (SURR)

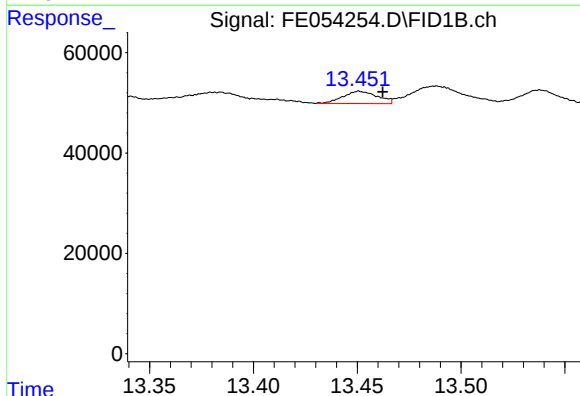
R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 4822757
Conc: 29.68 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



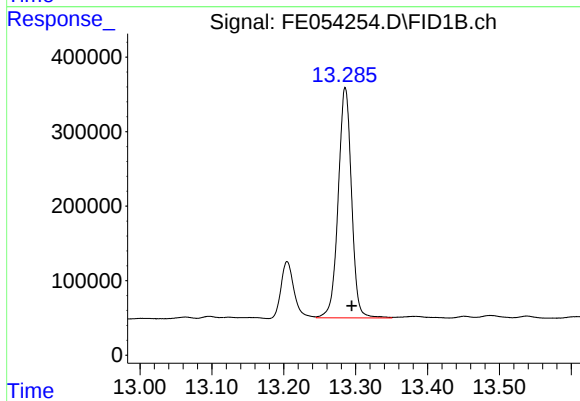
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.017 min
Response: 165633
Conc: 1.26 ug/ml



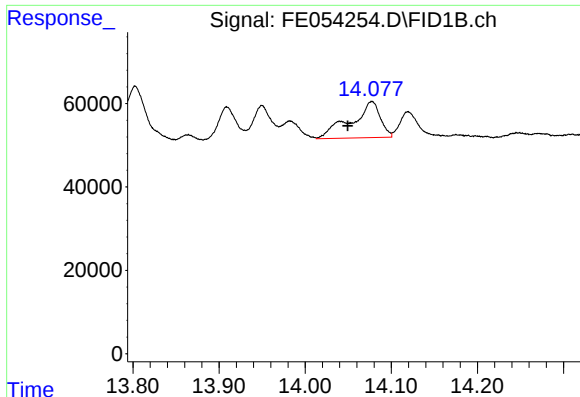
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 28152
Conc: 0.22 ug/ml



#12 1-chlorooctadecane (SURR)

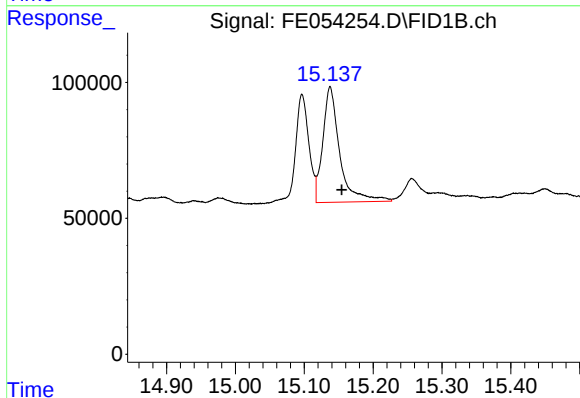
R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 3973830
Conc: 33.52 ug/ml



#13 n-Docosane (C22)

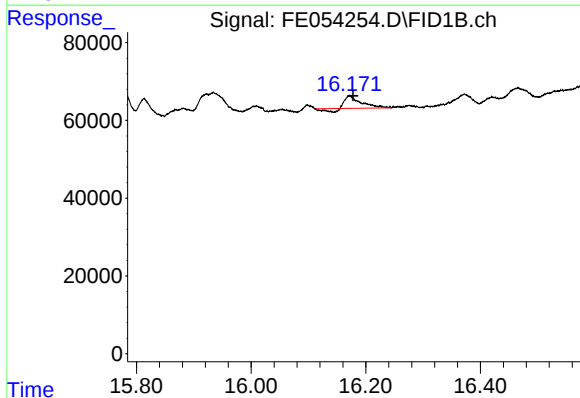
R.T.: 14.077 min
Delta R.T.: 0.028 min
Response: 204113
Conc: 1.60 ug/ml

Instrument :
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TP-1-EPH



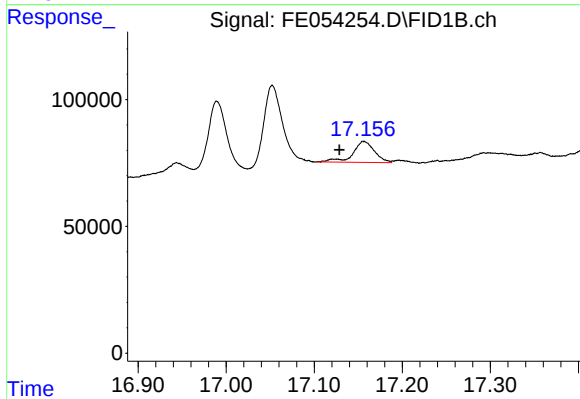
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 726276
Conc: 5.80 ug/ml



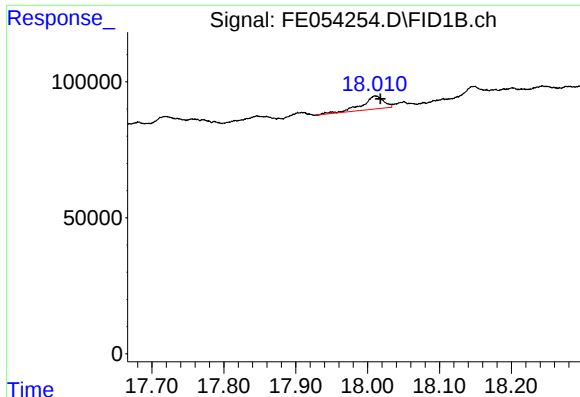
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 53864
Conc: 0.44 ug/ml



#16 n-Octacosane (C28)

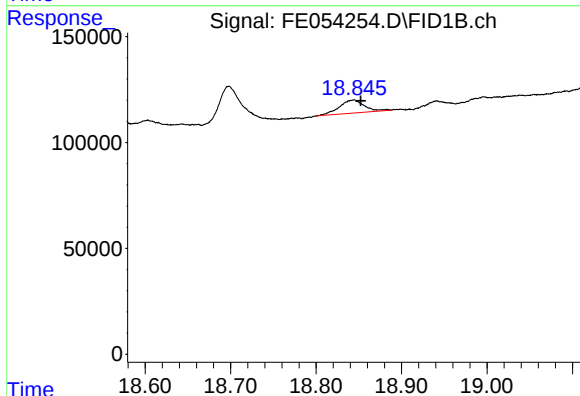
R.T.: 17.157 min
Delta R.T.: 0.028 min
Response: 141903
Conc: 1.17 ug/ml



#17 n-Tricontane (C30)

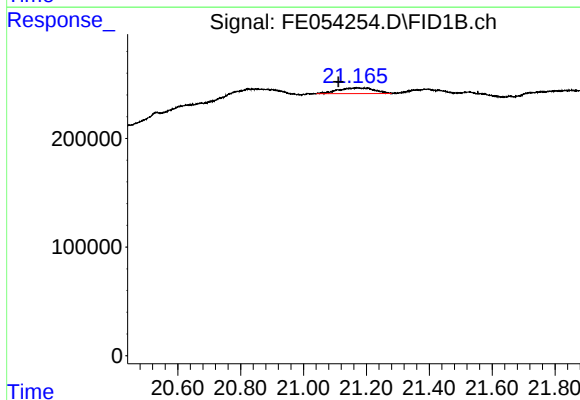
R.T.: 18.011 min
Delta R.T.: -0.007 min
Response: 99505
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 126655
Conc: 1.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.059 min
Response: 420711
Conc: 3.87 ug/ml