

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054171.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 15:52
 Operator : YP\AJ
 Sample : Q2182-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-06022025

Integration File: autoint1.e
 Quant Time: Jun 05 06:26:13 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	4930892	30.342 ug/ml
Spiked Amount 50.000		Recovery =	60.68%
12) S 1-chlorooctadecane (S...	13.286	4252522	35.871 ug/ml
Spiked Amount 50.000		Recovery =	71.74%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.172	53972	0.376 ug/ml
5) T A~2-methylnaphthalene...	7.274	44750	0.323 ug/ml
6) T n-Tetradecane (C14)	8.418f	31418	0.233 ug/ml
10) T n-Eicosane (C20)	12.832	241622	1.838 ug/ml
11) T n-Heneicosane (C21)	13.451	111593	0.861 ug/ml
13) T n-Docosane (C22)	14.039	135611	1.063 ug/ml
14) T n-Tetracosane (C24)	15.136	747495	5.974 ug/ml
15) T n-Hexacosane (C26)	16.175	188631	1.540 ug/ml
16) T n-Octacosane (C28)	17.150	186683	1.536 ug/ml
17) T n-Tricontane (C30)	18.010	263332	2.114 ug/ml
18) T n-Dotriacontane (C32)	18.845	179251	1.433 ug/ml
19) T n-Tetratriacontane (C34)	19.649	40157	0.337 ug/ml
20) T n-Hexatriacontane (C36)	20.379	88507	0.764 ug/ml
22) T n-Tetracontane (C40)	21.999	117381	1.183 ug/ml

(f)=RT Delta > 1/2 Window

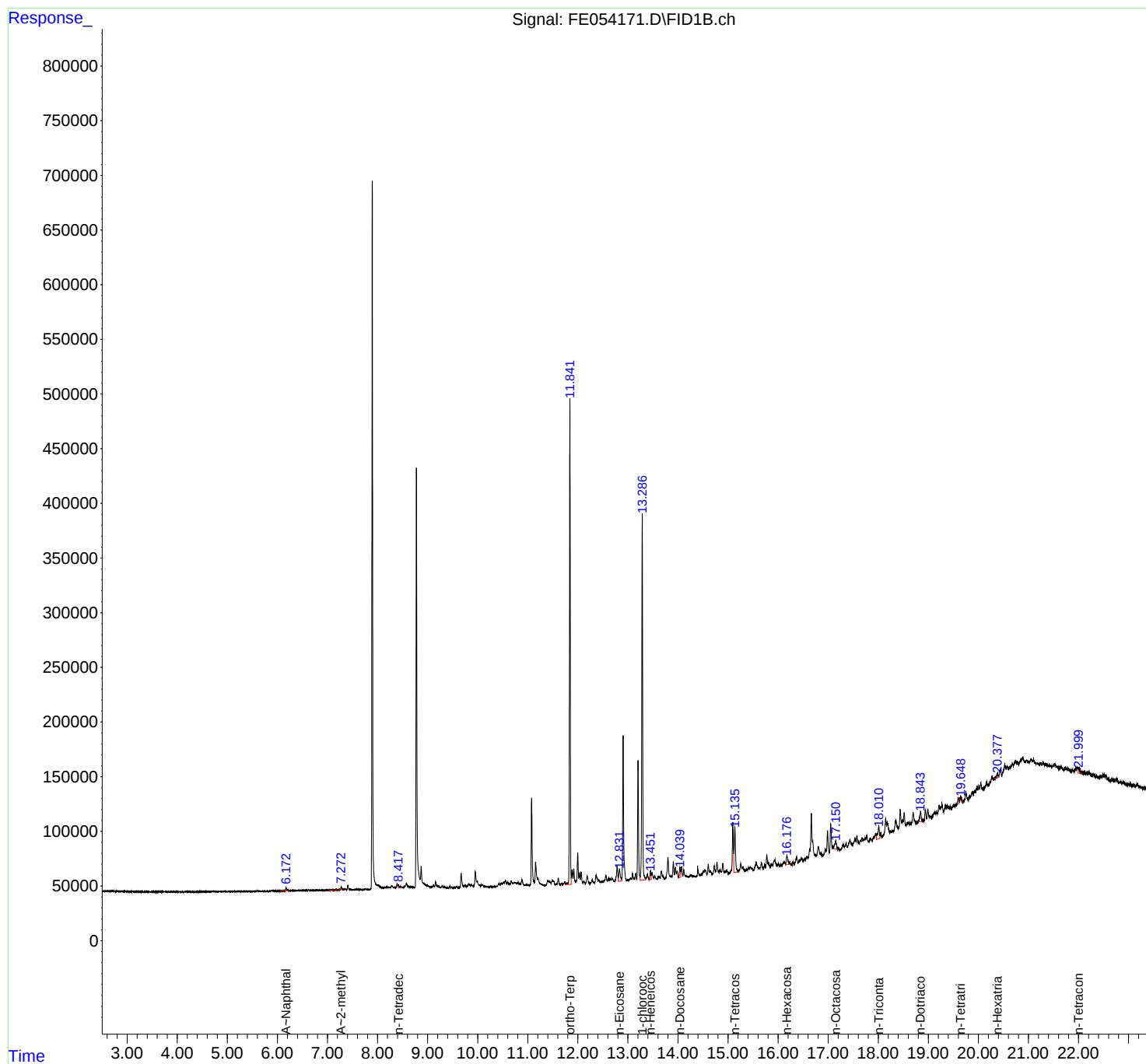
(m)=manual int.

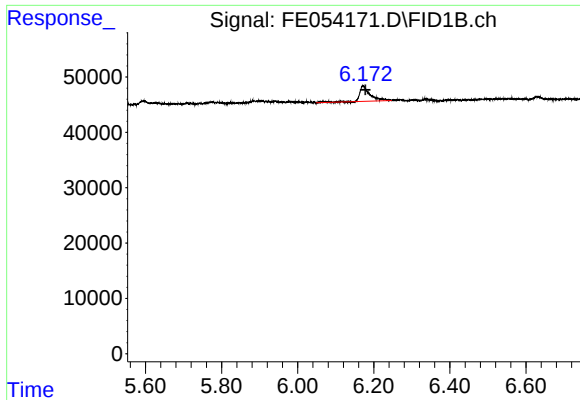
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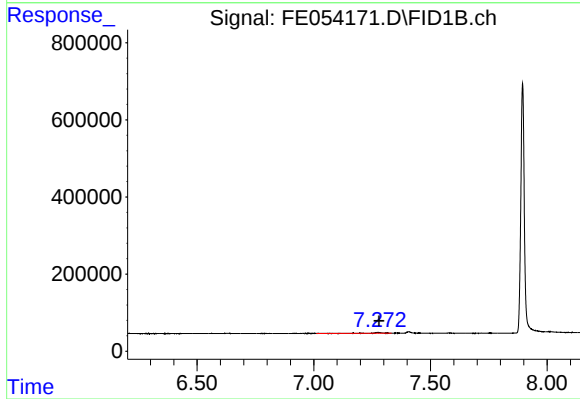




#3 A~Naphthalene (C11.7)

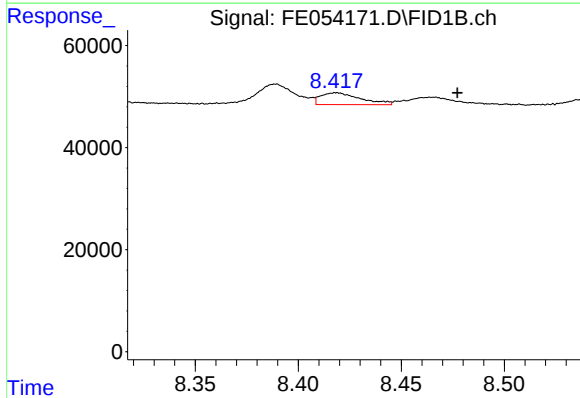
R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 53972
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
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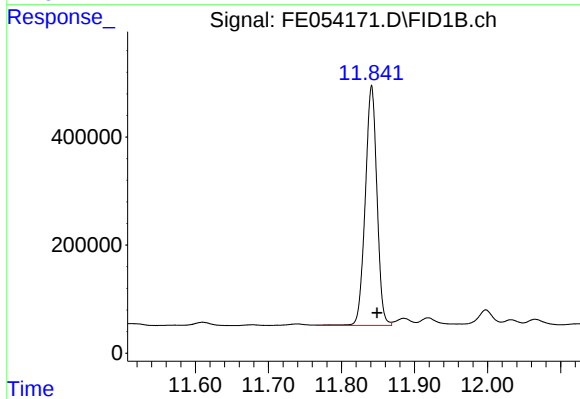
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.006 min
Response: 44750
Conc: 0.32 ug/ml



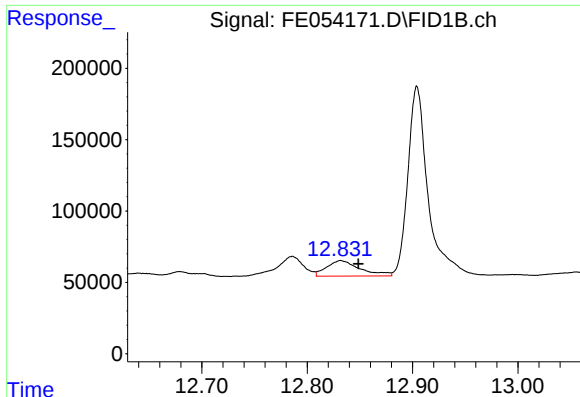
#6 n-Tetradecane (C14)

R.T.: 8.418 min
Delta R.T.: -0.059 min
Response: 31418
Conc: 0.23 ug/ml



#9 ortho-Terphenyl (SURR)

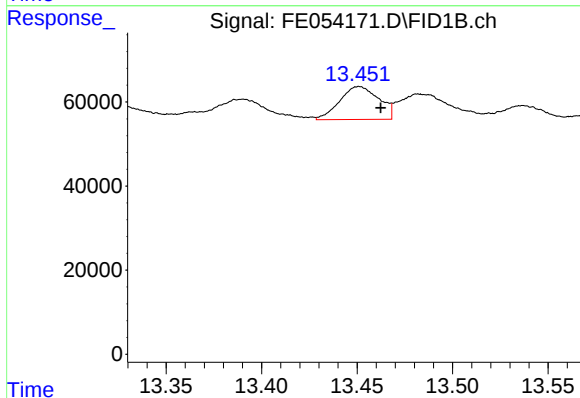
R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 4930892
Conc: 30.34 ug/ml



#10 n-Eicosane (C20)

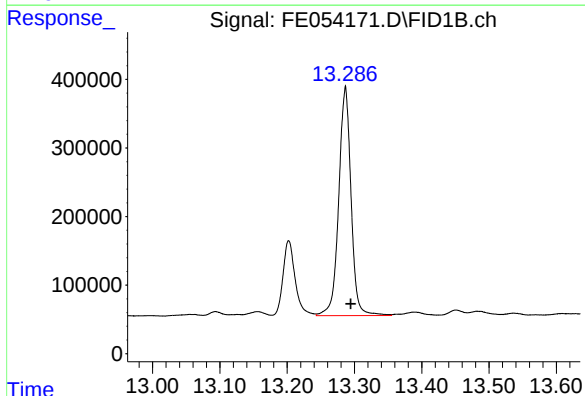
R.T.: 12.832 min
Delta R.T.: -0.017 min
Response: 241622
Conc: 1.84 ug/ml

Instrument :
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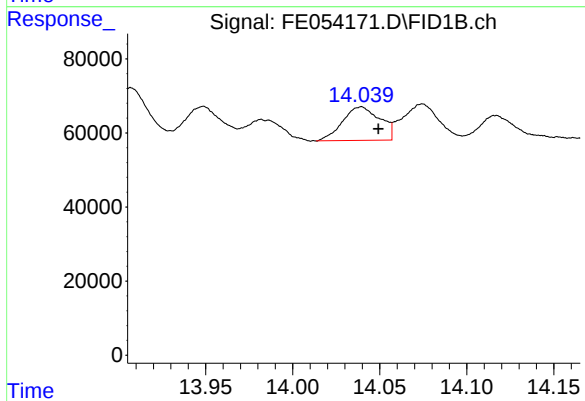
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.011 min
Response: 111593
Conc: 0.86 ug/ml



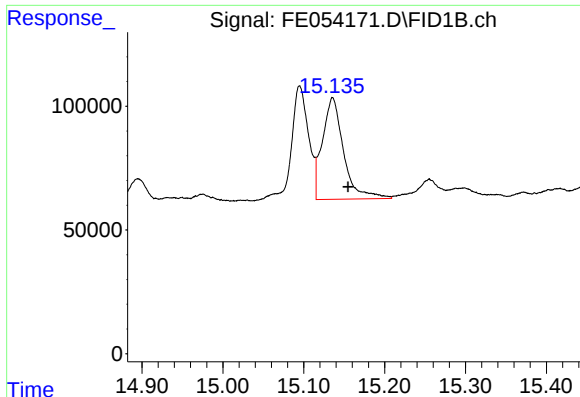
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.008 min
Response: 4252522
Conc: 35.87 ug/ml



#13 n-Docosane (C22)

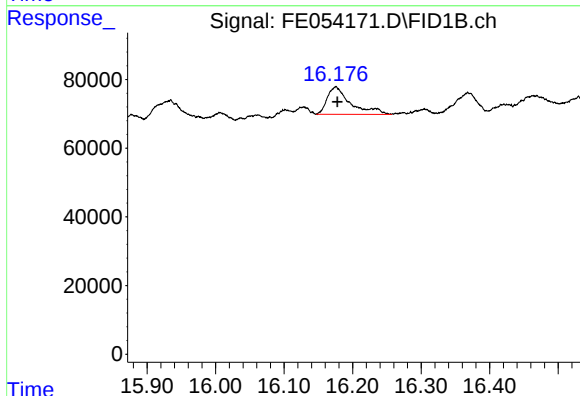
R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 135611
Conc: 1.06 ug/ml



#14 n-Tetracosane (C24)

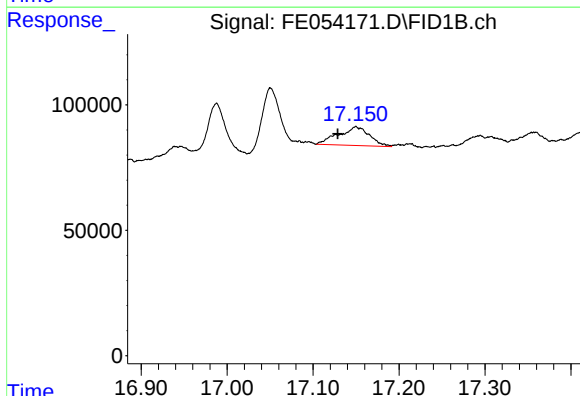
R.T.: 15.136 min
Delta R.T.: -0.019 min
Response: 747495
Conc: 5.97 ug/ml

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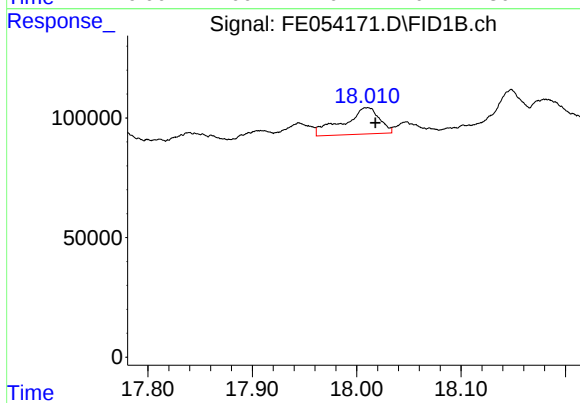
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.002 min
Response: 188631
Conc: 1.54 ug/ml



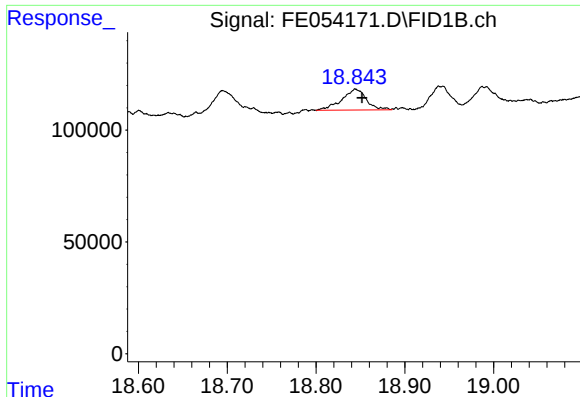
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.022 min
Response: 186683
Conc: 1.54 ug/ml



#17 n-Tricontane (C30)

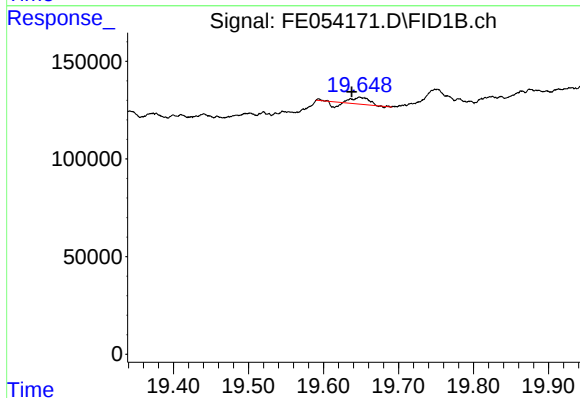
R.T.: 18.010 min
Delta R.T.: -0.008 min
Response: 263332
Conc: 2.11 ug/ml



#18 n-Dotriacontane (C32)

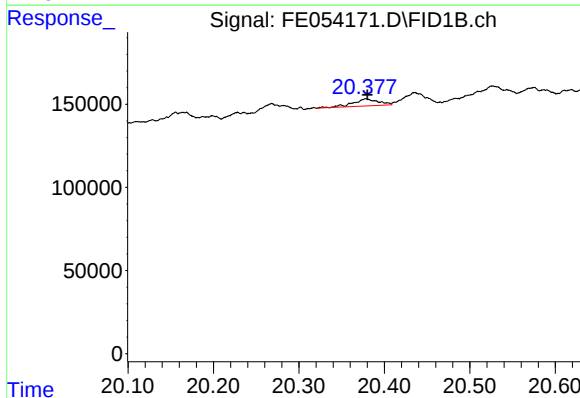
R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 179251
Conc: 1.43 ug/ml

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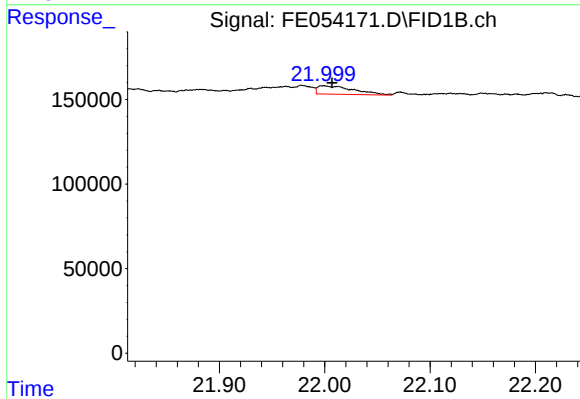
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.011 min
Response: 40157
Conc: 0.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.002 min
Response: 88507
Conc: 0.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.008 min
Response: 117381
Conc: 1.18 ug/ml