

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049860.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 21:20
 Operator : YP\AJ
 Sample : P3795-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 239-E2

Integration File: autoint1.e
 Quant Time: Aug 31 04:16:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.880	5063587	31.313 ug/ml
Spiked Amount 50.000		Recovery =	62.63%
12) S 1-chlorooctadecane (S...	13.314	4006553	32.839 ug/ml
Spiked Amount 50.000		Recovery =	65.68%
Target Compounds			
5) T A~2-methylnaphthalene...	7.355	56058	0.374 ug/ml
6) T n-Tetradecane (C14)	8.513	262605	1.701 ug/ml
7) T n-Hexadecane (C16)	10.119	362981	2.324 ug/ml
8) T n-Octadecane (C18)	11.560	228116	1.452 ug/ml
10) T n-Eicosane (C20)	12.865	246532	1.651 ug/ml
11) T n-Heneicosane (C21)	13.480	441350	3.009 ug/ml
14) T n-Tetracosane (C24)	15.188	4698322	32.298 ug/ml
15) T n-Hexacosane (C26)	16.185	760951	5.272 ug/ml
16) T n-Octacosane (C28)	17.132	1027654	7.135 ug/ml
17) T n-Tricontane (C30)	18.019	631659	4.219 ug/ml
18) T n-Dotriacontane (C32)	18.851	441036	2.915 ug/ml
19) T n-Tetratriacontane (C34)	19.616	432998	2.832 ug/ml
22) T n-Tetracontane (C40)	21.939f	26637	0.174 ug/ml

(f)=RT Delta > 1/2 Window

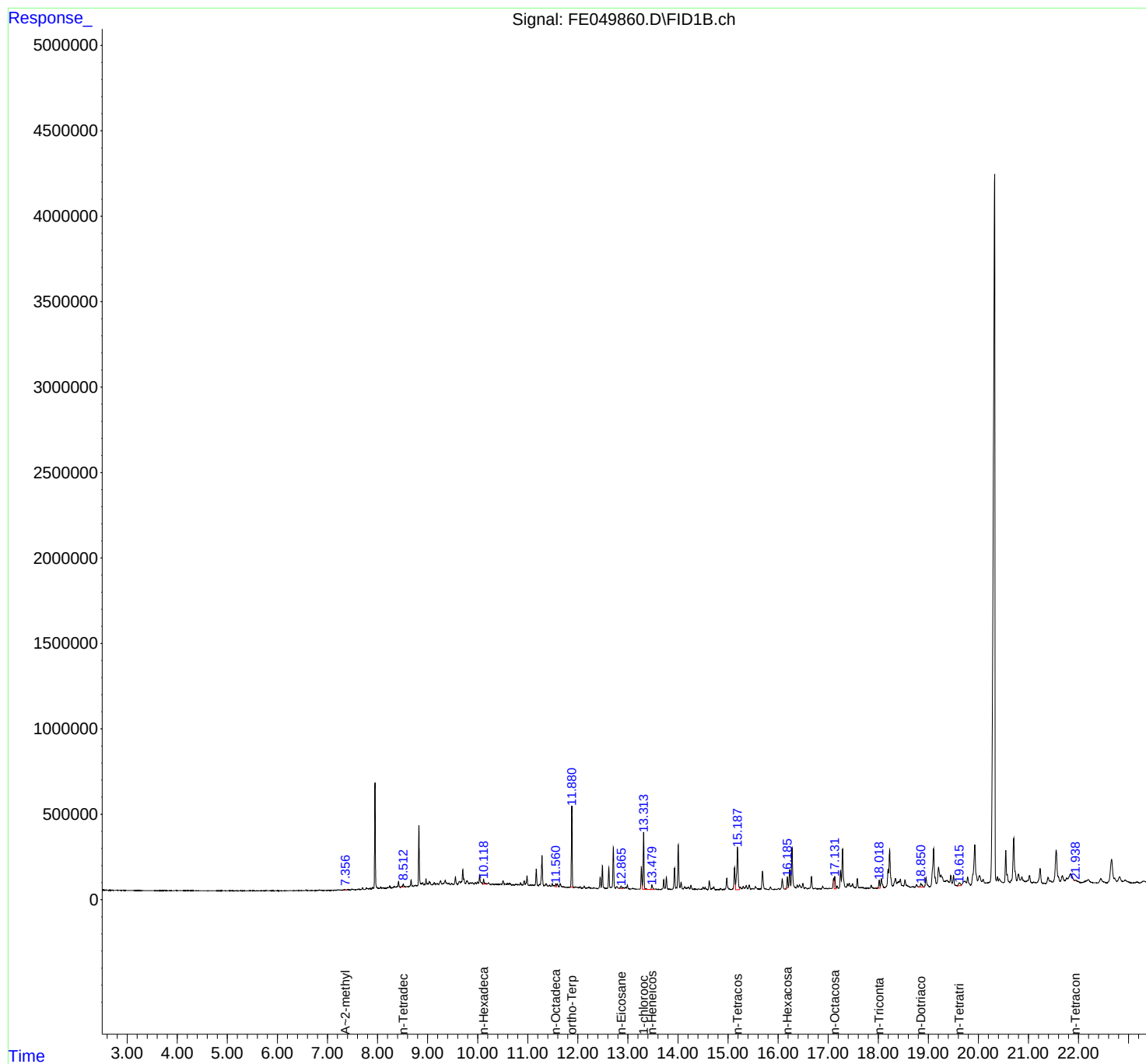
(m)=manual int.

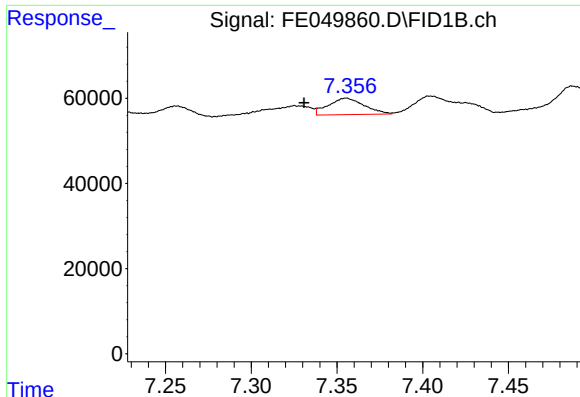
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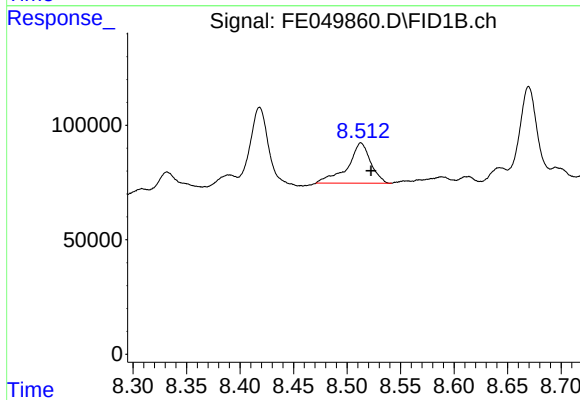




#5 A~2-methylnaphthalene (C12.89)

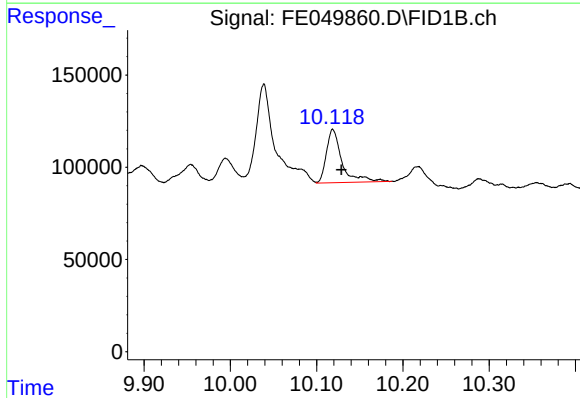
R.T.: 7.355 min
Delta R.T.: 0.025 min
Response: 56058
Conc: 0.37 ug/ml

Instrument :
FID_E
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239-E2



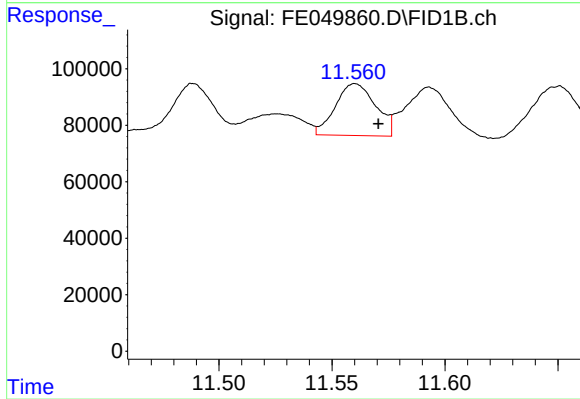
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.009 min
Response: 262605
Conc: 1.70 ug/ml



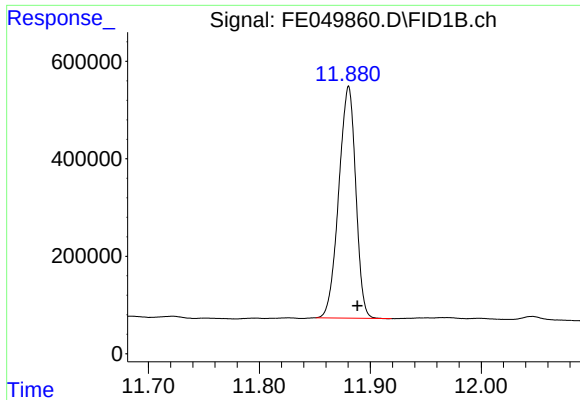
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 362981
Conc: 2.32 ug/ml



#8 n-Octadecane (C18)

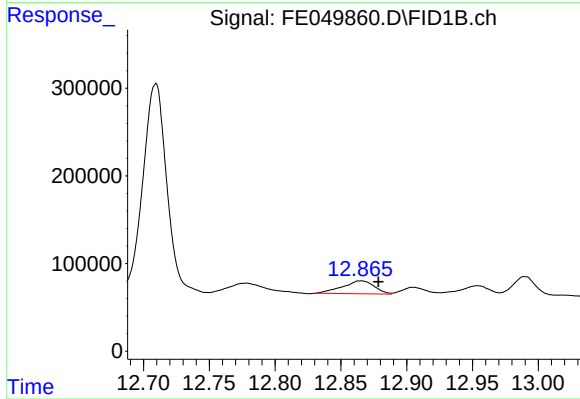
R.T.: 11.560 min
Delta R.T.: -0.010 min
Response: 228116
Conc: 1.45 ug/ml



#9 ortho-Terphenyl (SURR)

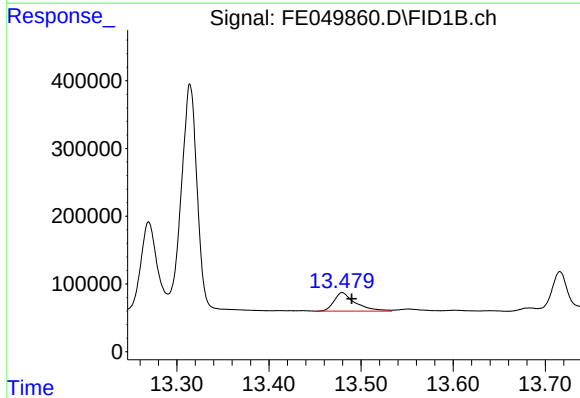
R.T.: 11.880 min
Delta R.T.: -0.008 min
Response: 5063587
Conc: 31.31 ug/ml

Instrument :
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239-E2



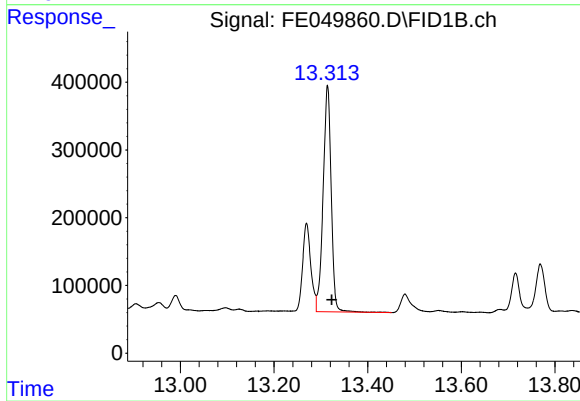
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.013 min
Response: 246532
Conc: 1.65 ug/ml



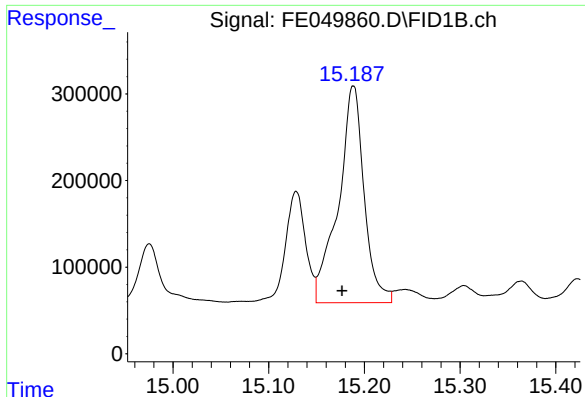
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.010 min
Response: 441350
Conc: 3.01 ug/ml



#12 1-chlorooctadecane (SURR)

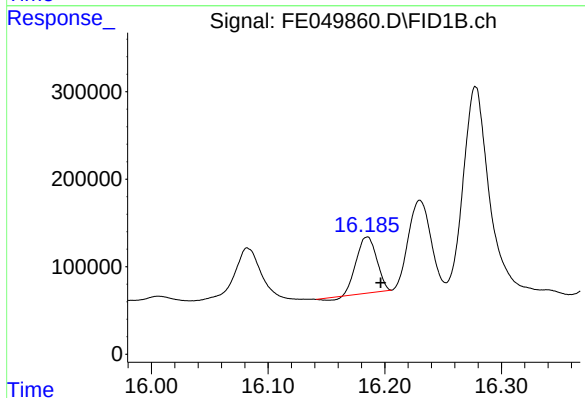
R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 4006553
Conc: 32.84 ug/ml



#14 n-Tetracosane (C24)

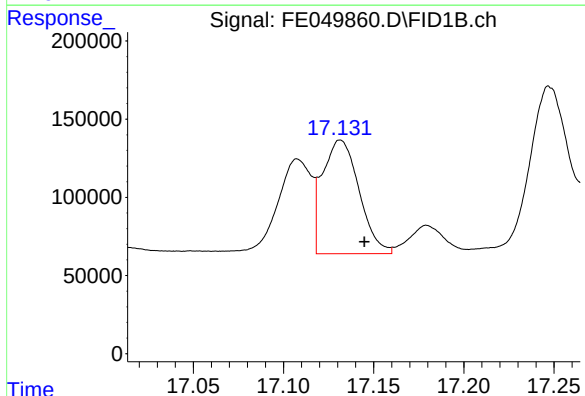
R.T.: 15.188 min
Delta R.T.: 0.012 min
Response: 4698322
Conc: 32.30 ug/ml

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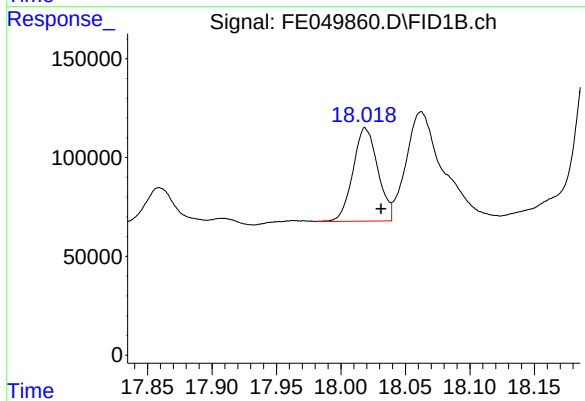
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 760951
Conc: 5.27 ug/ml



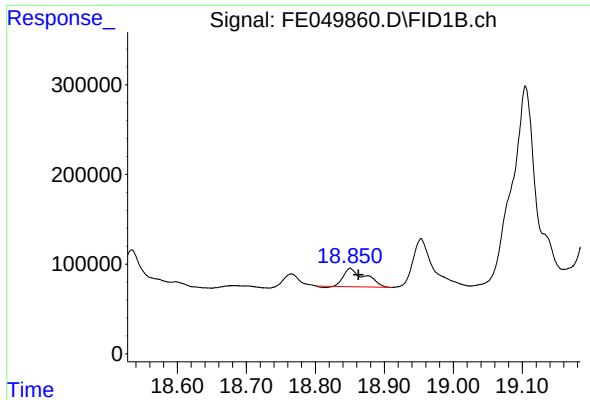
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.013 min
Response: 1027654
Conc: 7.13 ug/ml



#17 n-Tricontane (C30)

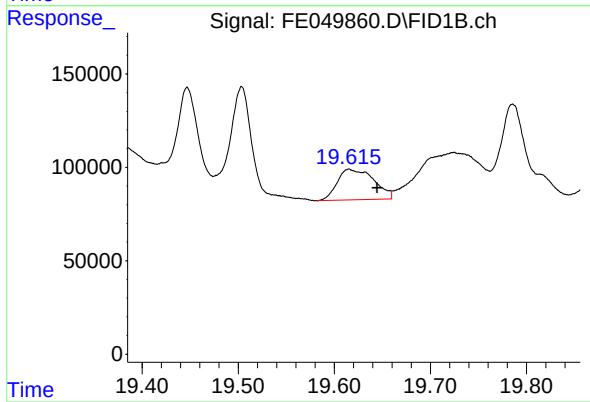
R.T.: 18.019 min
Delta R.T.: -0.012 min
Response: 631659
Conc: 4.22 ug/ml



#18 n-Dotriacontane (C32)

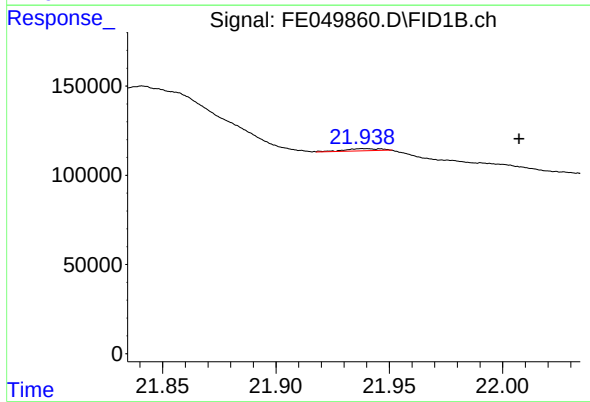
R.T.: 18.851 min
Delta R.T.: -0.012 min
Response: 441036
Conc: 2.92 ug/ml

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#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.029 min
Response: 432998
Conc: 2.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.068 min
Response: 26637
Conc: 0.17 ug/ml