

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049859.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 20:50
 Operator : YP\AJ
 Sample : P3795-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 239

Integration File: autoint1.e
 Quant Time: Aug 31 04:15:52 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)	11.882	6082136	37.611 ug/ml
Spiked Amount 50.000		Recovery =	75.22%
12) S 1-chlorooctadecane (S...	13.315	4866102	39.884 ug/ml
Spiked Amount 50.000		Recovery =	79.77%
Target Compounds			
5) T A~2-methylnaphthalene...	7.357	89307	0.596 ug/ml
6) T n-Tetradecane (C14)	8.513	166750	1.080 ug/ml
7) T n-Hexadecane (C16)	10.119	303777	1.945 ug/ml
8) T n-Octadecane (C18)	11.563	148825	0.948 ug/ml
10) T n-Eicosane (C20)	12.866	215281	1.442 ug/ml
11) T n-Heneicosane (C21)	13.481	440151	3.000 ug/ml
14) T n-Tetracosane (C24)	15.189	5194754	35.711 ug/ml
15) T n-Hexacosane (C26)	16.185	647907	4.489 ug/ml
16) T n-Octacosane (C28)	17.132	994148	6.902 ug/ml
17) T n-Tricontane (C30)	18.020	488196	3.261 ug/ml
18) T n-Dotriacontane (C32)	18.851	195015	1.289 ug/ml
19) T n-Tetratriacontane (C34)	19.634	535116	3.500 ug/ml
20) T n-Hexatriacontane (C36)	20.417	196010	1.291 ug/ml
22) T n-Tetracontane (C40)	21.938f	15791	0.103 ug/ml

(f)=RT Delta > 1/2 Window

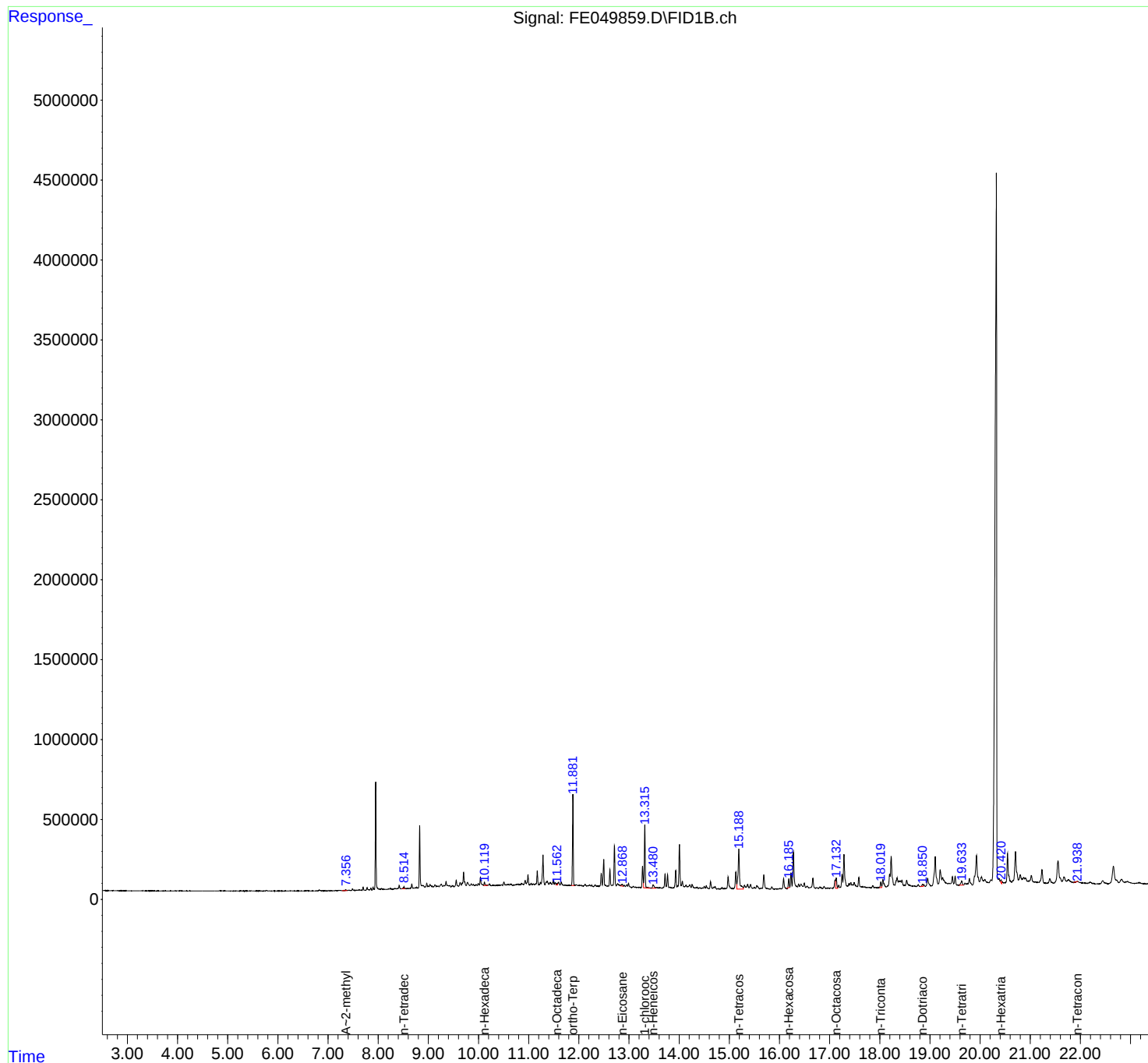
(m)=manual int.

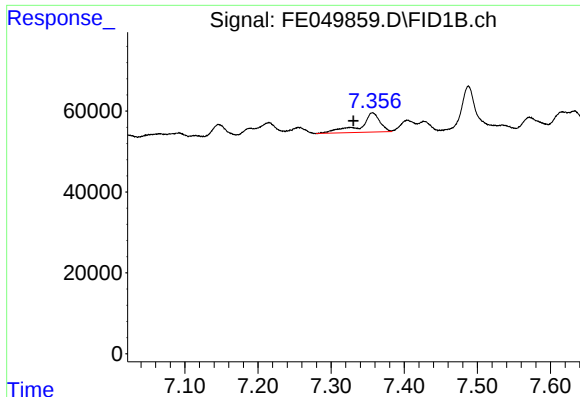
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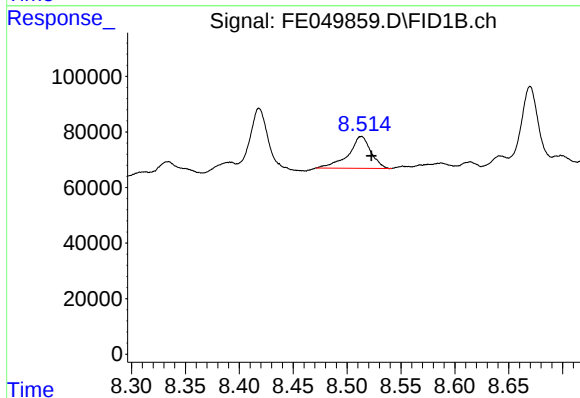




#5 A~2-methylnaphthalene (C12.89)

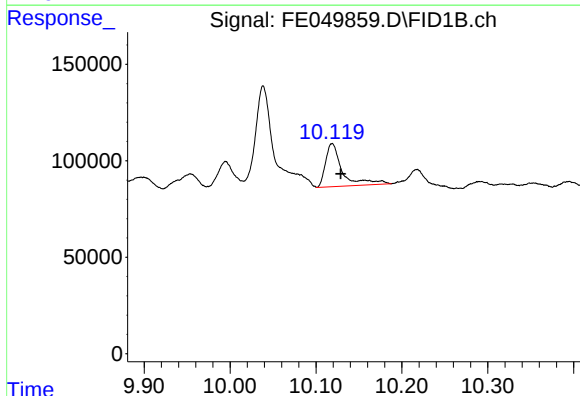
R.T.: 7.357 min
Delta R.T.: 0.026 min
Response: 89307
Conc: 0.60 ug/ml

Instrument :
FID_E
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239



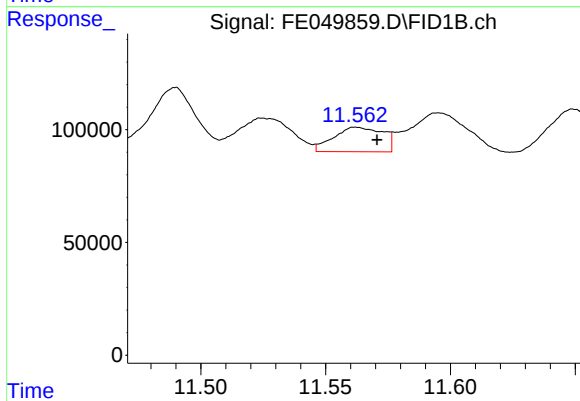
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.009 min
Response: 166750
Conc: 1.08 ug/ml



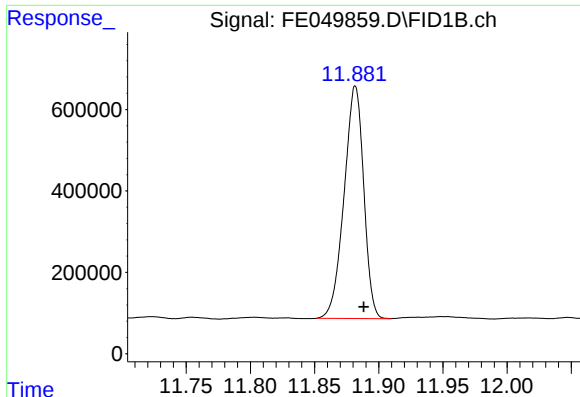
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 303777
Conc: 1.95 ug/ml



#8 n-Octadecane (C18)

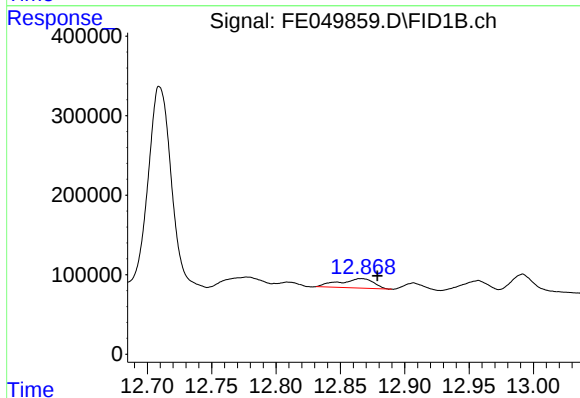
R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 148825
Conc: 0.95 ug/ml



#9 ortho-Terphenyl (SURR)

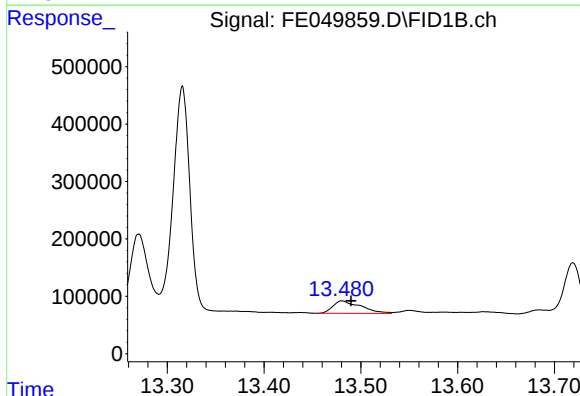
R.T.: 11.882 min
Delta R.T.: -0.007 min
Response: 6082136
Conc: 37.61 ug/ml

Instrument :
FID_E
ClientSampleId :
239



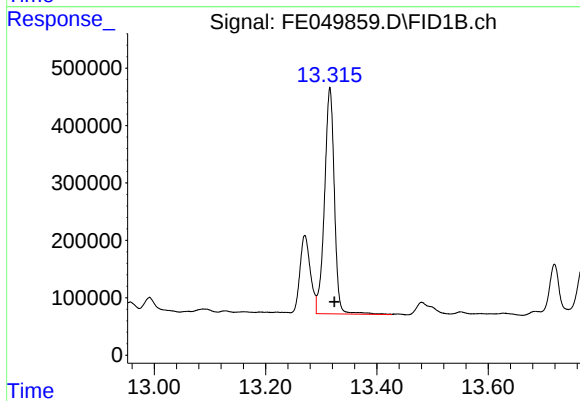
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.012 min
Response: 215281
Conc: 1.44 ug/ml



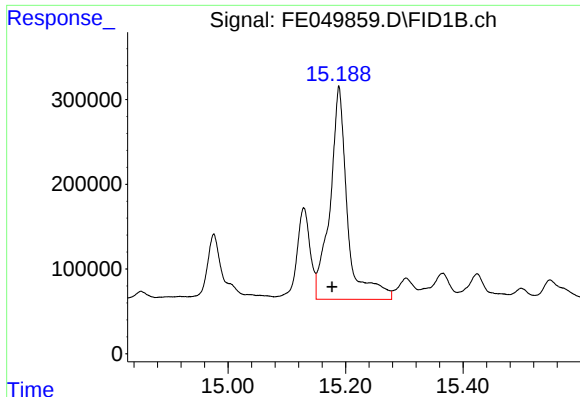
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 440151
Conc: 3.00 ug/ml



#12 1-chlorooctadecane (SURR)

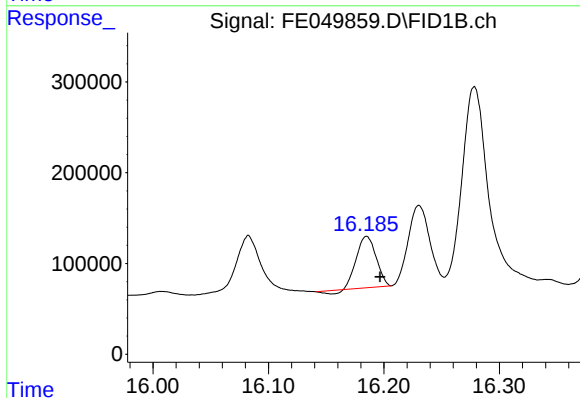
R.T.: 13.315 min
Delta R.T.: -0.008 min
Response: 4866102
Conc: 39.88 ug/ml



#14 n-Tetracosane (C24)

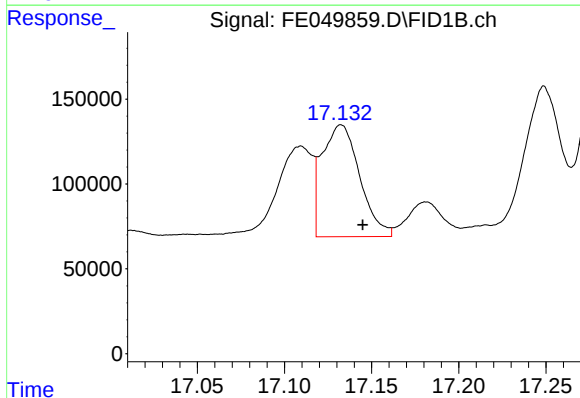
R.T.: 15.189 min
Delta R.T.: 0.012 min
Response: 5194754
Conc: 35.71 ug/ml

Instrument :
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239



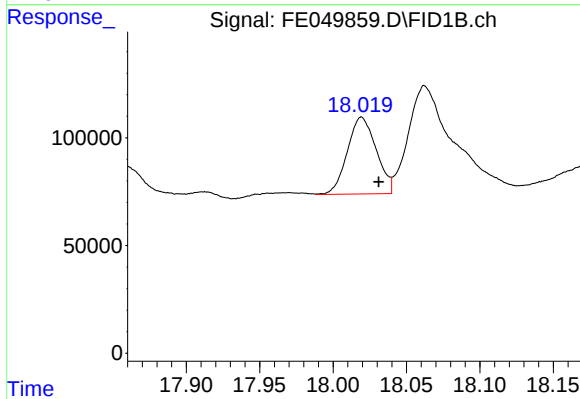
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 647907
Conc: 4.49 ug/ml



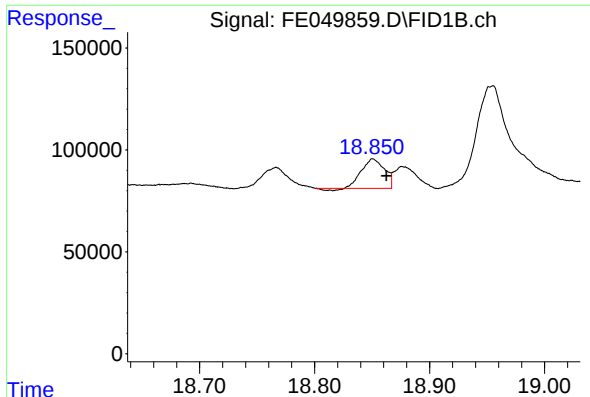
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.013 min
Response: 994148
Conc: 6.90 ug/ml



#17 n-Tricontane (C30)

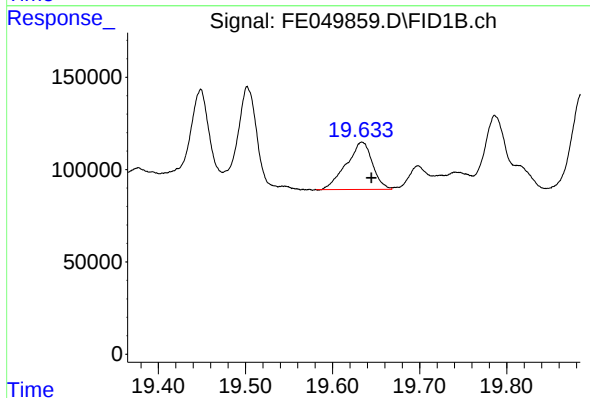
R.T.: 18.020 min
Delta R.T.: -0.011 min
Response: 488196
Conc: 3.26 ug/ml



#18 n-Dotriacontane (C32)

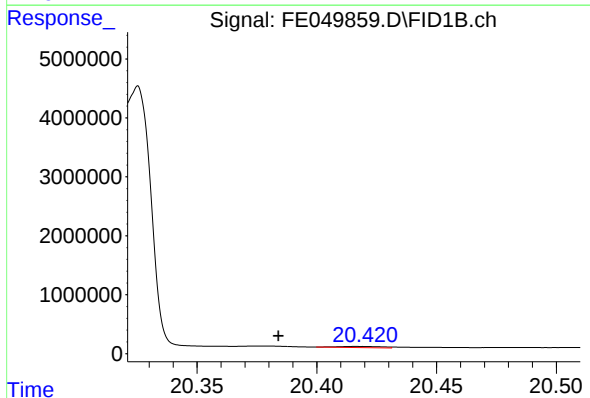
R.T.: 18.851 min
Delta R.T.: -0.011 min
Response: 195015
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
239



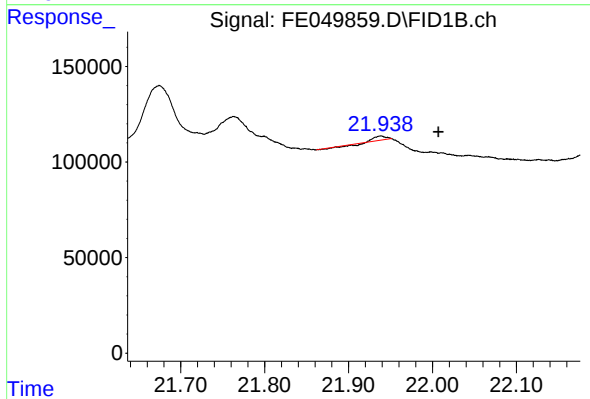
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.011 min
Response: 535116
Conc: 3.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: 0.033 min
Response: 196010
Conc: 1.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.069 min
Response: 15791
Conc: 0.10 ug/ml