

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049895.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 15:44
 Operator : YP\AJ
 Sample : P3813-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 04 01:32:50 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)	11.879	5565981	34.419 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
12) S 1-chlorooctadecane (S...	13.313	4207703	34.488 ug/ml
Spiked Amount 50.000		Recovery =	68.98%
Target Compounds			
6) T n-Tetradecane (C14)	8.511	147473	0.955 ug/ml
7) T n-Hexadecane (C16)	10.117	458407	2.935 ug/ml
8) T n-Octadecane (C18)	11.558	544290	3.466 ug/ml
10) T n-Eicosane (C20)	12.865	419451	2.809 ug/ml
11) T n-Heneicosane (C21)	13.476	273474	1.864 ug/ml
13) T n-Docosane (C22)	14.062	170579	1.170 ug/ml
14) T n-Tetracosane (C24)	15.161	140770	0.968 ug/ml
15) T n-Hexacosane (C26)	16.182	46488	0.322 ug/ml
16) T n-Octacosane (C28)	17.131	94414	0.655 ug/ml
17) T n-Tricontane (C30)	18.017	188465	1.259 ug/ml
18) T n-Dotriacontane (C32)	18.847	105248	0.696 ug/ml
19) T n-Tetratriacontane (C34)	19.634	89552	0.586 ug/ml
21) T n-Octatriacontane (C38)	21.096	83126	0.530 ug/ml
22) T n-Tetracontane (C40)	21.986	180041	1.179 ug/ml

(f)=RT Delta > 1/2 Window

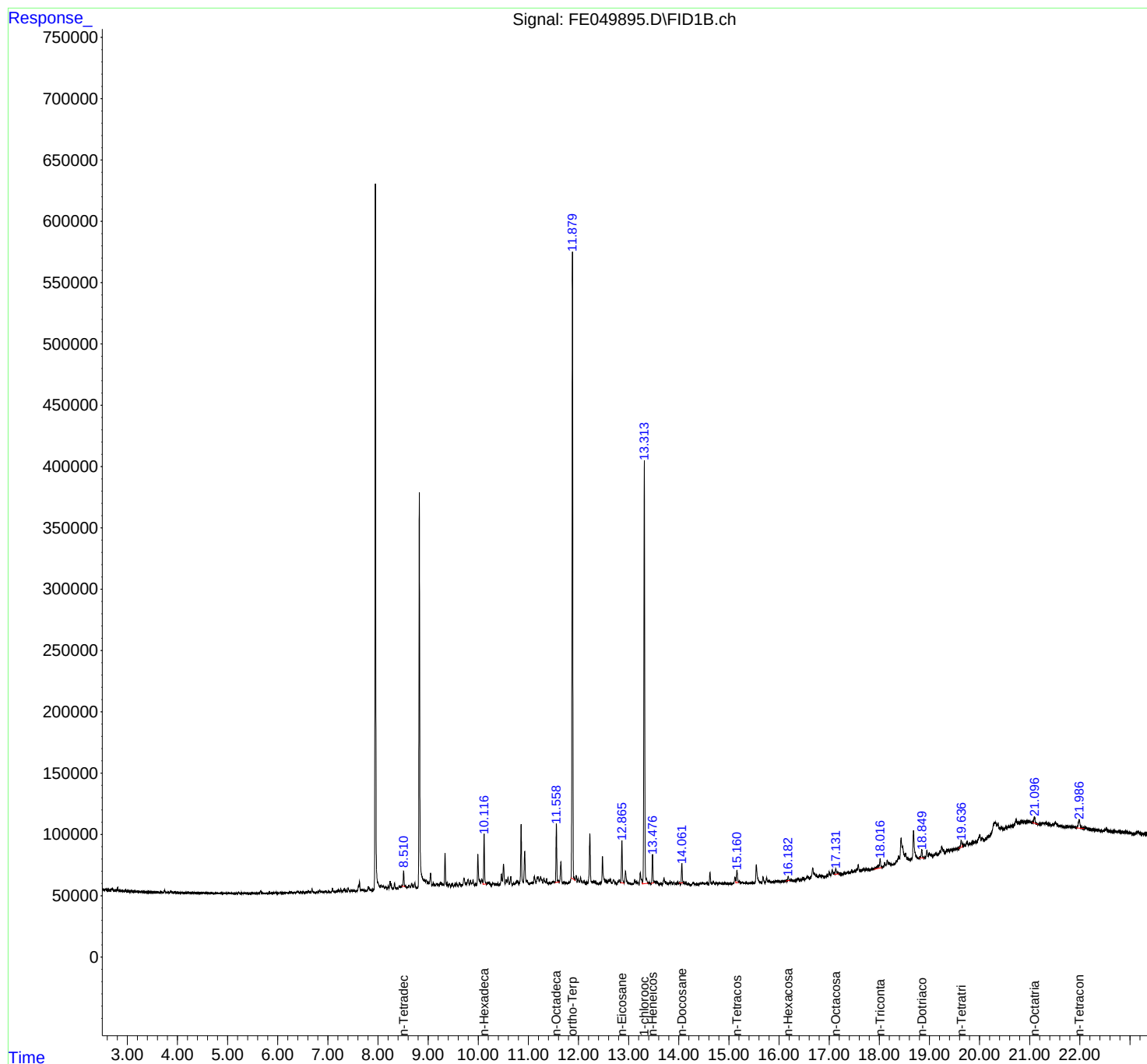
(m)=manual int.

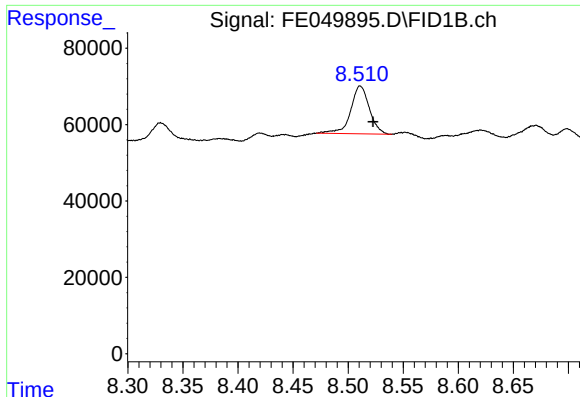
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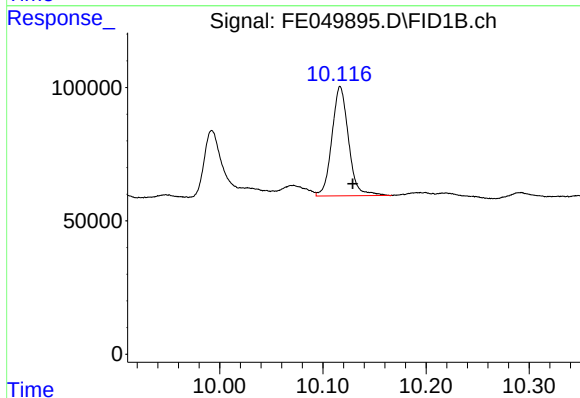




#6 n-Tetradecane (C14)

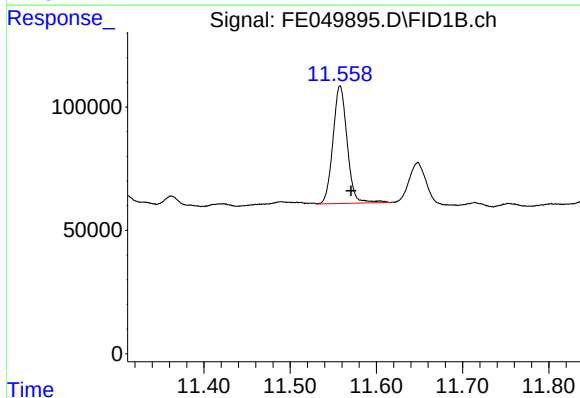
R.T.: 8.511 min
Delta R.T.: -0.011 min
Response: 147473
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



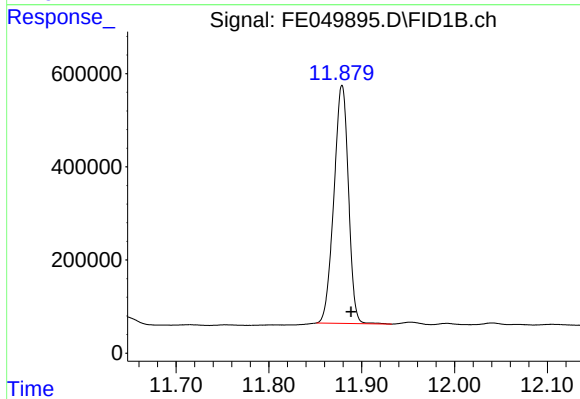
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.012 min
Response: 458407
Conc: 2.94 ug/ml



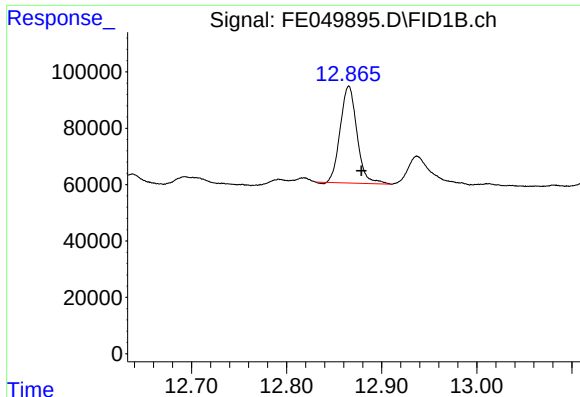
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.013 min
Response: 544290
Conc: 3.47 ug/ml



#9 ortho-Terphenyl (SURR)

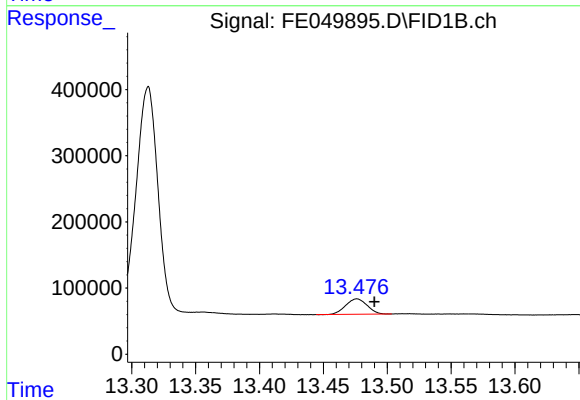
R.T.: 11.879 min
Delta R.T.: -0.010 min
Response: 5565981
Conc: 34.42 ug/ml



#10 n-Eicosane (C20)

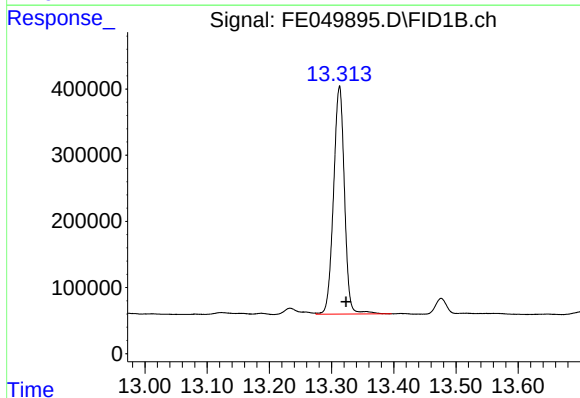
R.T.: 12.865 min
Delta R.T.: -0.013 min
Response: 419451
Conc: 2.81 ug/ml

Instrument :
FID_E
ClientSampleId :



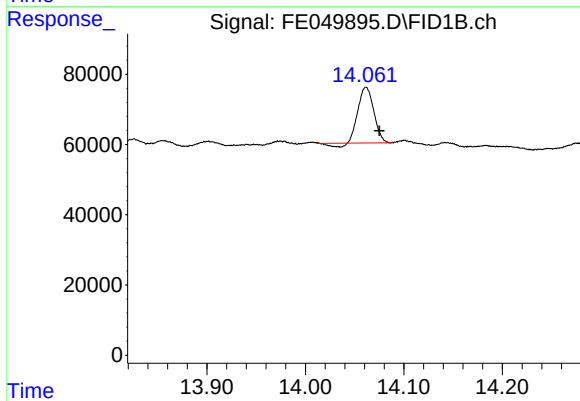
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.014 min
Response: 273474
Conc: 1.86 ug/ml



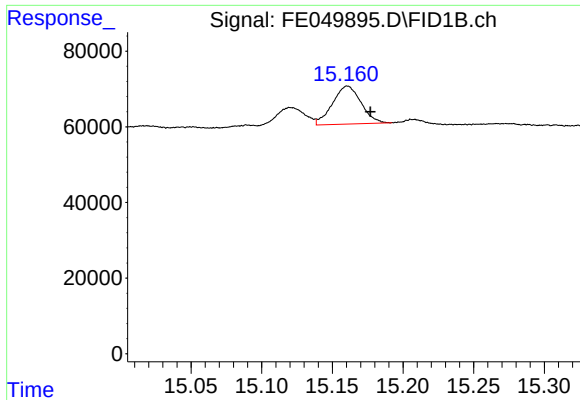
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 4207703
Conc: 34.49 ug/ml



#13 n-Docosane (C22)

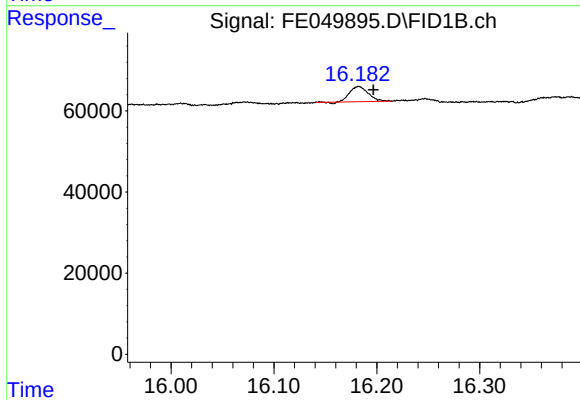
R.T.: 14.062 min
Delta R.T.: -0.014 min
Response: 170579
Conc: 1.17 ug/ml



#14 n-Tetracosane (C24)

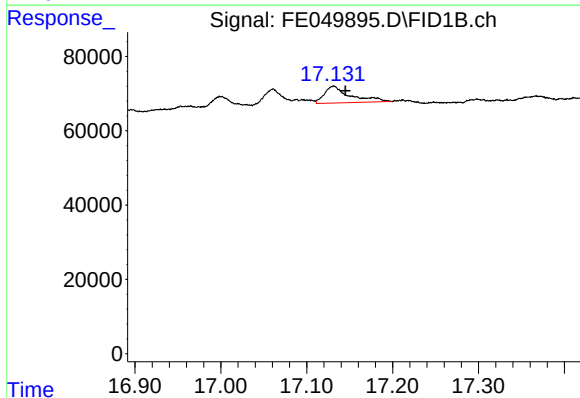
R.T.: 15.161 min
Delta R.T.: -0.016 min
Response: 140770
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



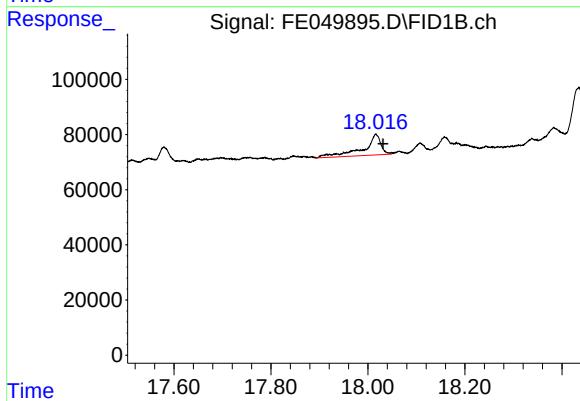
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.014 min
Response: 46488
Conc: 0.32 ug/ml



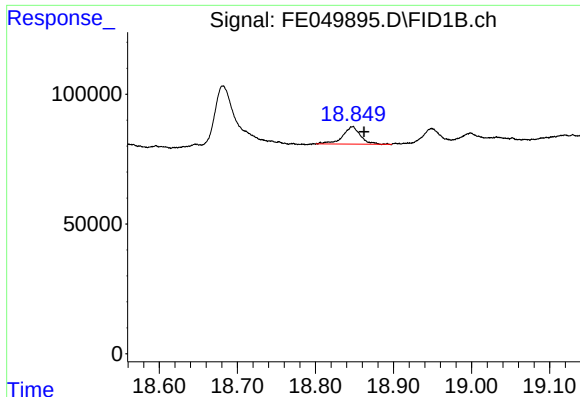
#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.014 min
Response: 94414
Conc: 0.66 ug/ml



#17 n-Tricontane (C30)

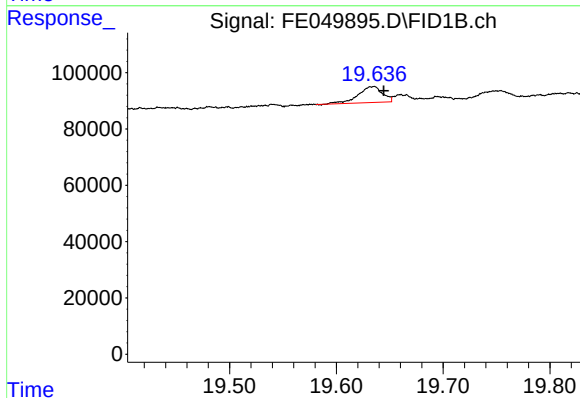
R.T.: 18.017 min
Delta R.T.: -0.014 min
Response: 188465
Conc: 1.26 ug/ml



#18 n-Dotriacontane (C32)

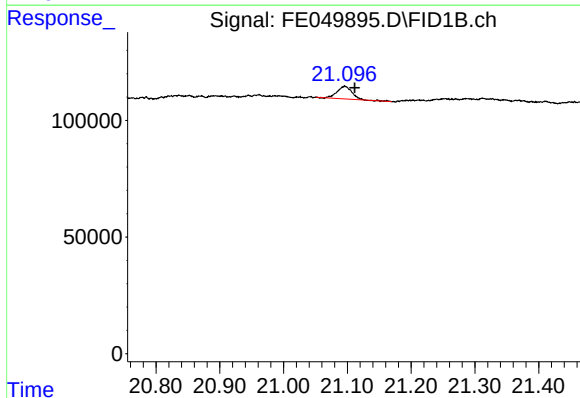
R.T.: 18.847 min
Delta R.T.: -0.015 min
Response: 105248
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



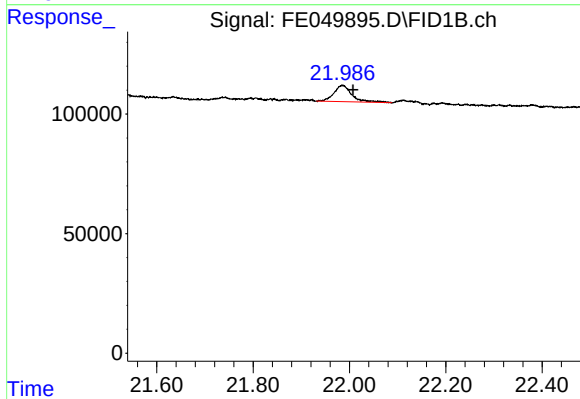
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.011 min
Response: 89552
Conc: 0.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.016 min
Response: 83126
Conc: 0.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.022 min
Response: 180041
Conc: 1.18 ug/ml