

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039735.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 22:33
 Operator : YP\AJ
 Sample : 01089-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 11 04:17:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.922	4501197	29.311 ug/ml
Spiked Amount 50.000		Recovery =	58.62%
12) S 1-chlorooctadecane (S...	13.354	20106272	172.294 ug/ml
Spiked Amount 50.000		Recovery =	344.59%
Target Compounds			
8) T n-Octadecane (C18)	11.604	67281	0.480 ug/ml
10) T n-Eicosane (C20)	12.912	83014	0.599 ug/ml
11) T n-Heneicosane (C21)	13.551	1413321	10.128 ug/ml
13) T n-Docosane (C22)	14.113	102597	0.739 ug/ml
14) T n-Tetracosane (C24)	15.195	545063	3.959 ug/ml
15) T n-Hexacosane (C26)	16.237	156783	1.175 ug/ml
16) T n-Octacosane (C28)	17.200	348925	2.680 ug/ml
17) T n-Tricontane (C30)	18.075	339845	2.665 ug/ml
18) T n-Dotriacontane (C32)	18.907	382554	3.026 ug/ml
19) T n-Tetratriacontane (C34)	19.690	232858	1.884 ug/ml
20) T n-Hexatriacontane (C36)	20.433	238639	2.024 ug/ml
21) T n-Octatriacontane (C38)	21.147	60114	0.503 ug/ml
22) T n-Tetracontane (C40)	22.073	312797	2.577 ug/ml

(f)=RT Delta > 1/2 Window

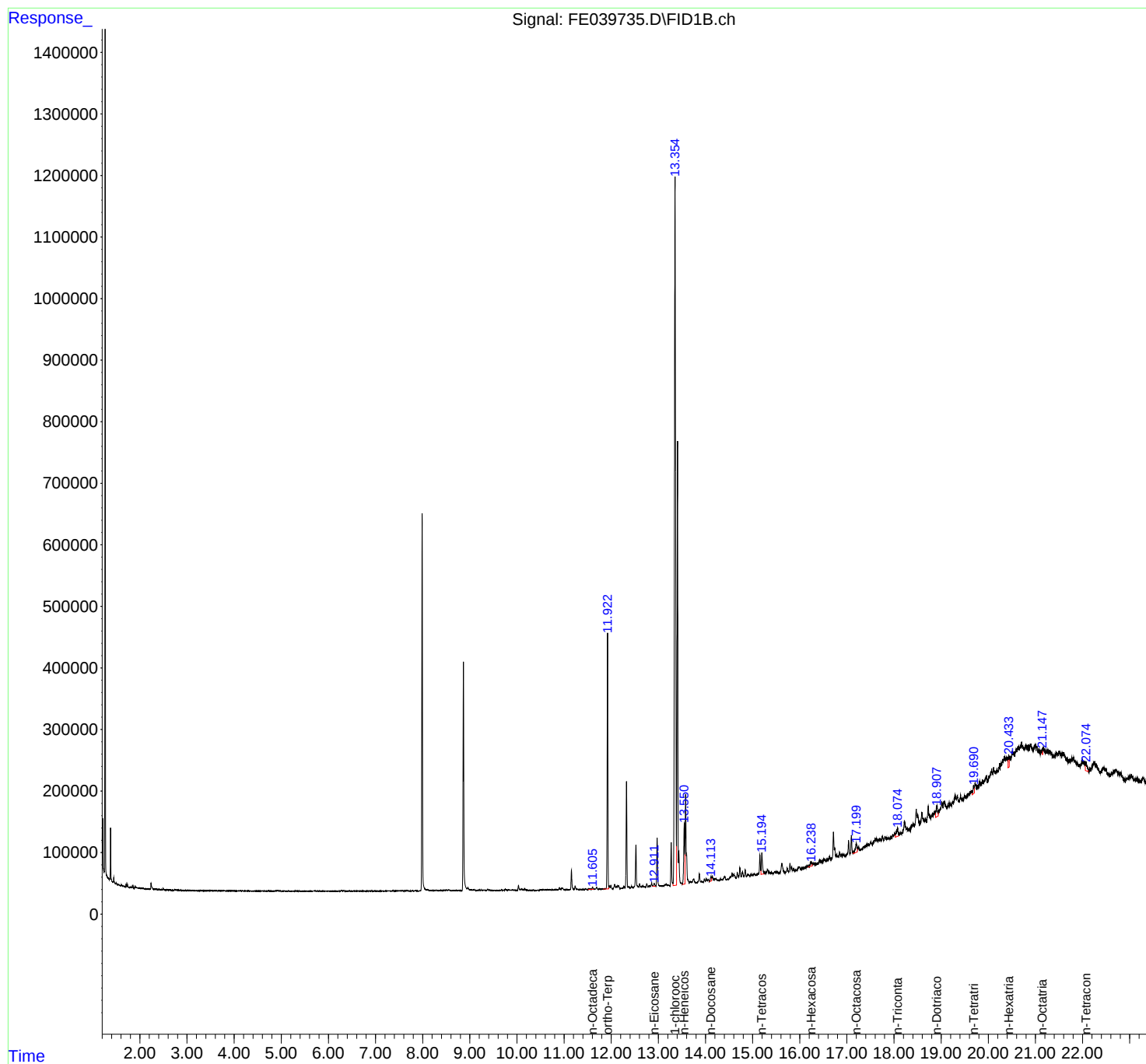
(m)=manual int.

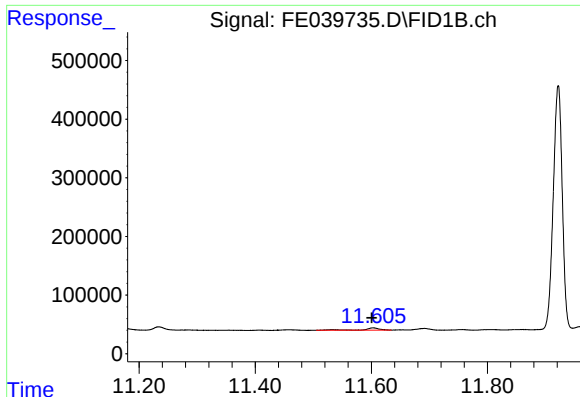
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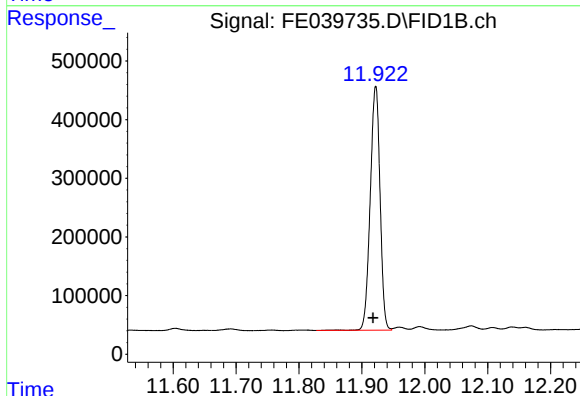




#8 n-Octadecane (C18)

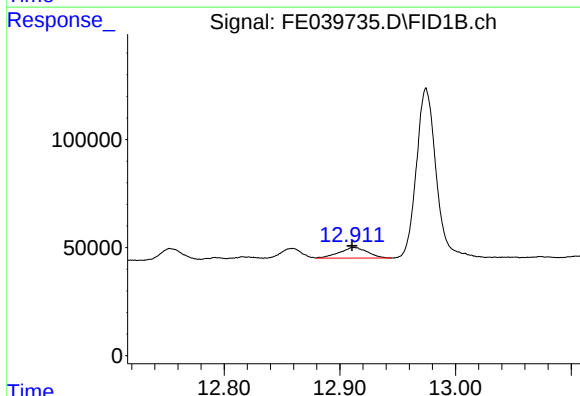
R.T.: 11.604 min
Delta R.T.: 0.003 min
Response: 67281
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



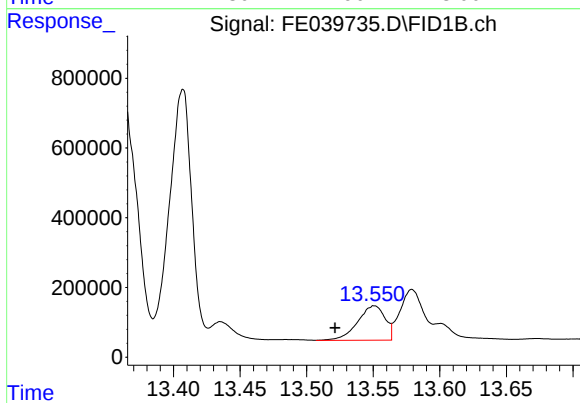
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.004 min
Response: 4501197
Conc: 29.31 ug/ml



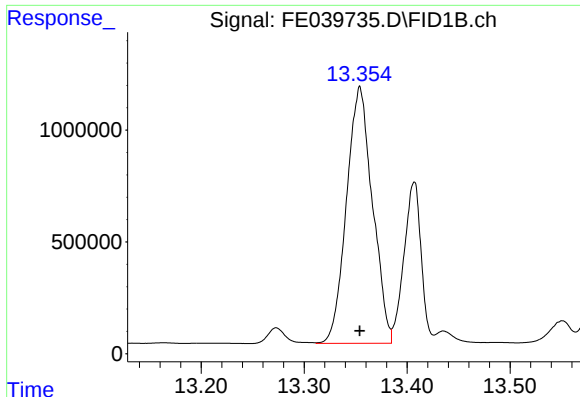
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.002 min
Response: 83014
Conc: 0.60 ug/ml



#11 n-Heneicosane (C21)

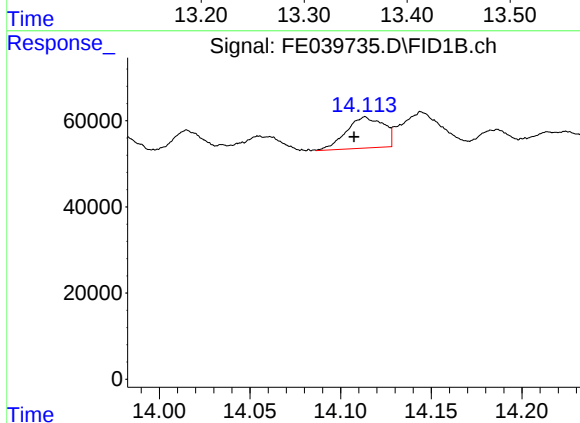
R.T.: 13.551 min
Delta R.T.: 0.030 min
Response: 1413321
Conc: 10.13 ug/ml



#12 1-chlorooctadecane (SURR)

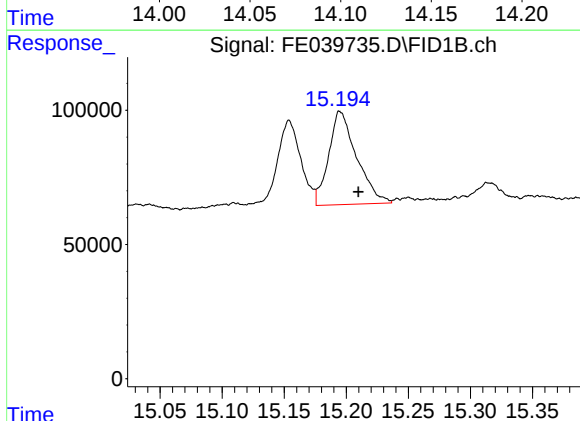
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 20106272
Conc: 172.29 ug/ml

Instrument :
FID_E
ClientSampleId :



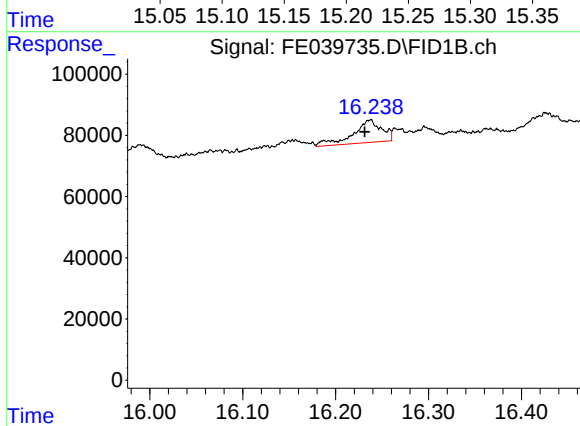
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: 0.006 min
Response: 102597
Conc: 0.74 ug/ml



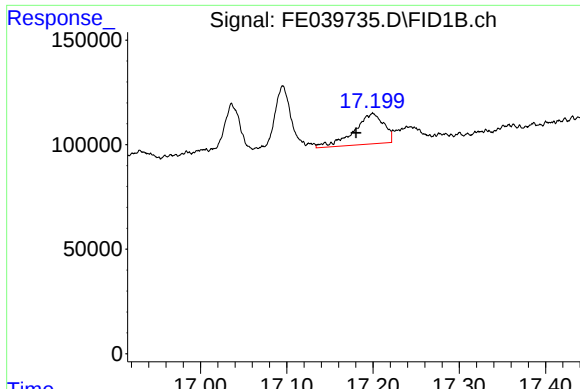
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.015 min
Response: 545063
Conc: 3.96 ug/ml



#15 n-Hexacosane (C26)

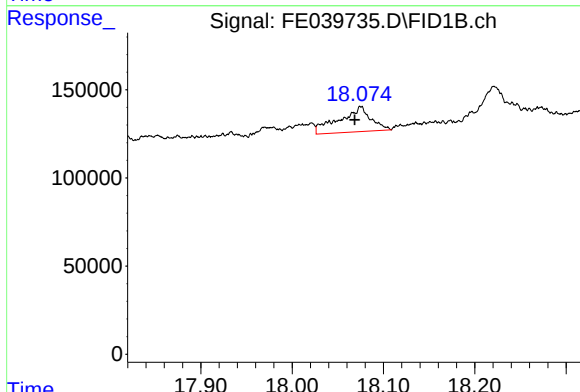
R.T.: 16.237 min
Delta R.T.: 0.006 min
Response: 156783
Conc: 1.17 ug/ml



#16 n-Octacosane (C28)

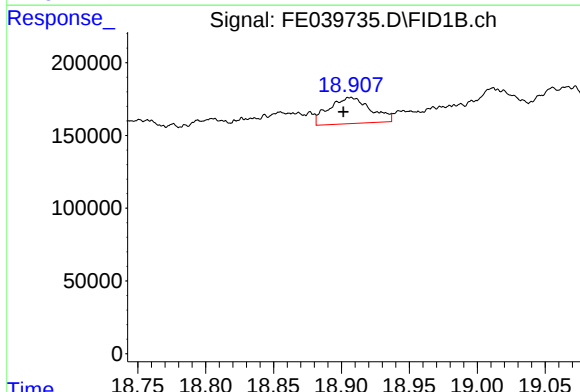
R.T.: 17.200 min
Delta R.T.: 0.020 min
Response: 348925
Conc: 2.68 ug/ml

Instrument :
FID_E
ClientSampleId :



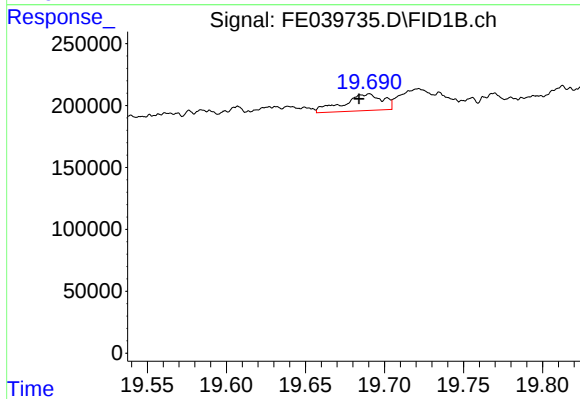
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: 0.007 min
Response: 339845
Conc: 2.66 ug/ml



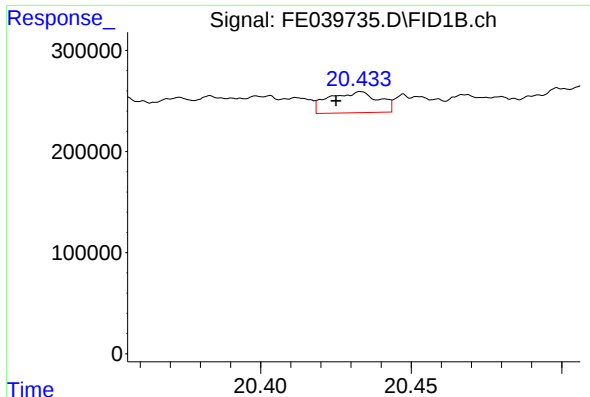
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.005 min
Response: 382554
Conc: 3.03 ug/ml



#19 n-Tetratriacontane (C34)

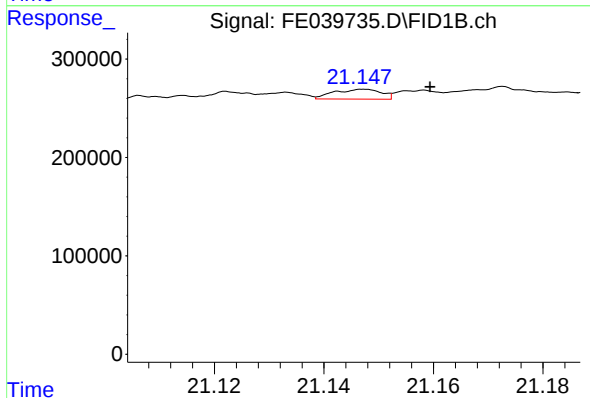
R.T.: 19.690 min
Delta R.T.: 0.006 min
Response: 232858
Conc: 1.88 ug/ml



#20 n-Hexatriacontane (C36)

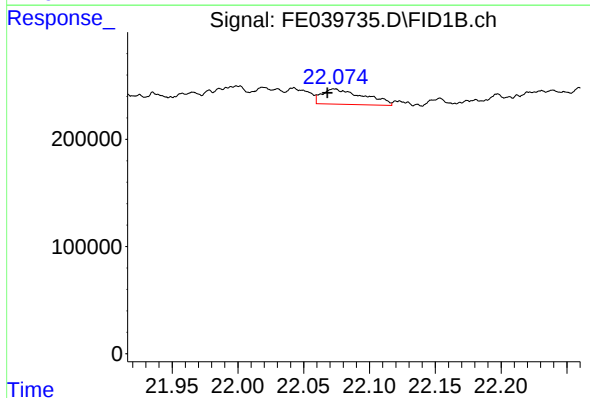
R.T.: 20.433 min
Delta R.T.: 0.008 min
Response: 238639
Conc: 2.02 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.012 min
Response: 60114
Conc: 0.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: 0.005 min
Response: 312797
Conc: 2.58 ug/ml