

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011623AL\
 Data File : FE039836.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2023 16:08
 Operator : YP\AJ
 Sample : 01159-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 00:57:10 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)	11.919	5043785	32.844 ug/ml
Spiked Amount 50.000		Recovery =	65.69%
12) S 1-chlorooctadecane (S...	13.356	3914653	33.545 ug/ml
Spiked Amount 50.000		Recovery =	67.09%
Target Compounds			
7) T n-Hexadecane (C16)	10.187	80165	0.594 ug/ml
10) T n-Eicosane (C20)	12.973f	228732	1.651 ug/ml
14) T n-Tetracosane (C24)	15.196	160610	1.167 ug/ml
15) T n-Hexacosane (C26)	16.232	47126	0.353 ug/ml
16) T n-Octacosane (C28)	17.185	36992	0.284 ug/ml
17) T n-Tricontane (C30)	18.069	86556	0.679 ug/ml
18) T n-Dotriacontane (C32)	18.901	146646	1.160 ug/ml
19) T n-Tetratriacontane (C34)	19.698	87642	0.709 ug/ml
20) T n-Hexatriacontane (C36)	20.430	133693	1.134 ug/ml
21) T n-Octatriacontane (C38)	21.164	79923	0.669 ug/ml
22) T n-Tetracontane (C40)	22.058	52000	0.428 ug/ml

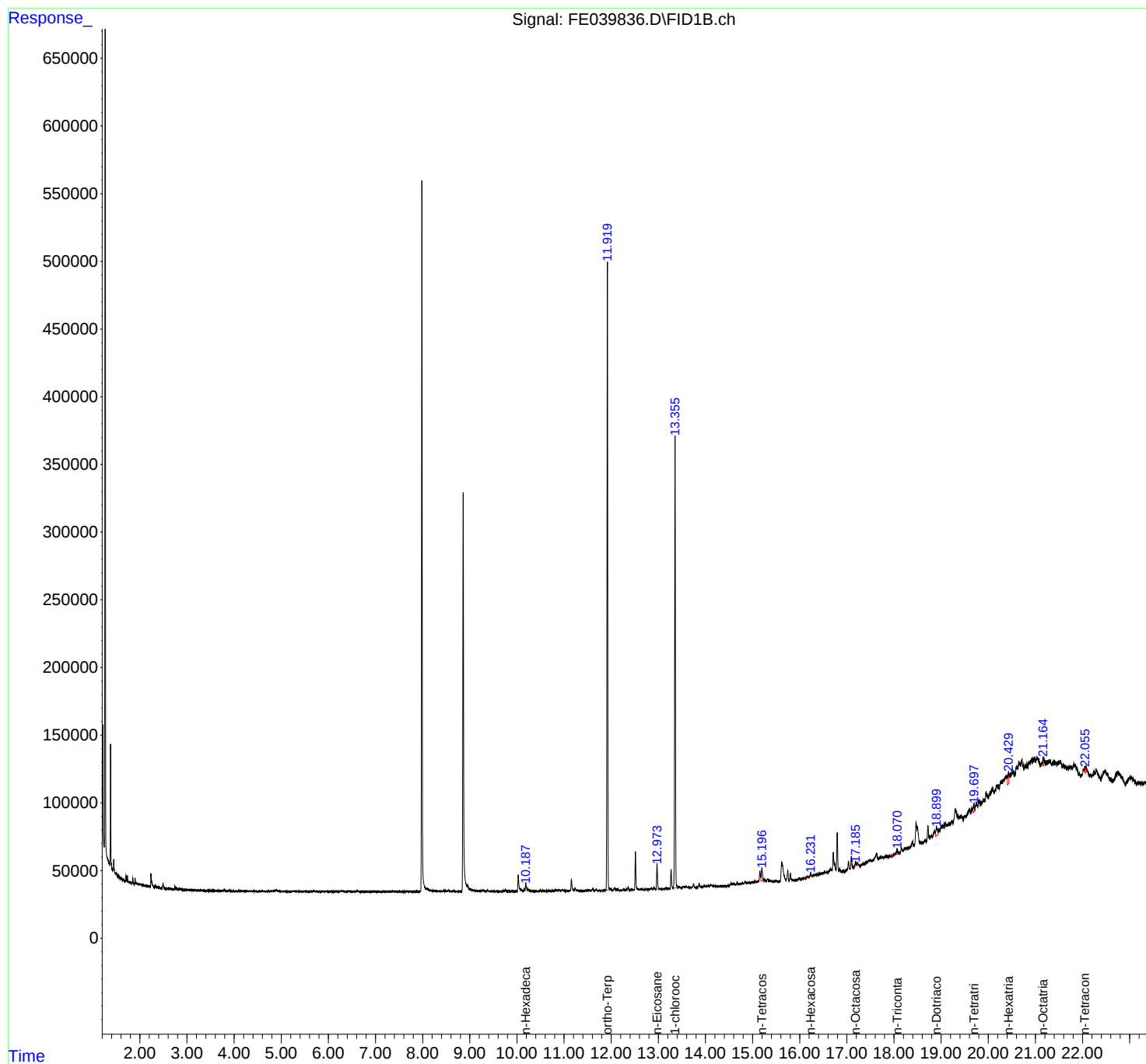
(f)=RT Delta > 1/2 Window

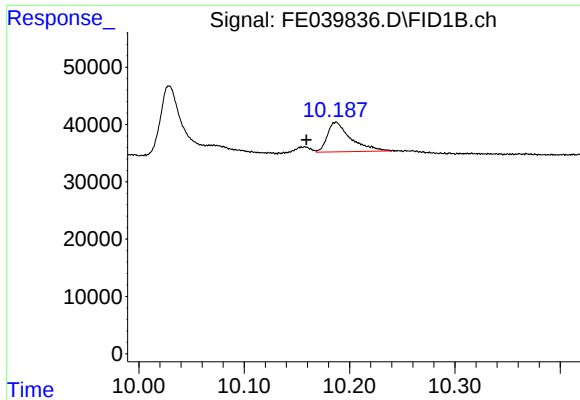
(m)=manual int.

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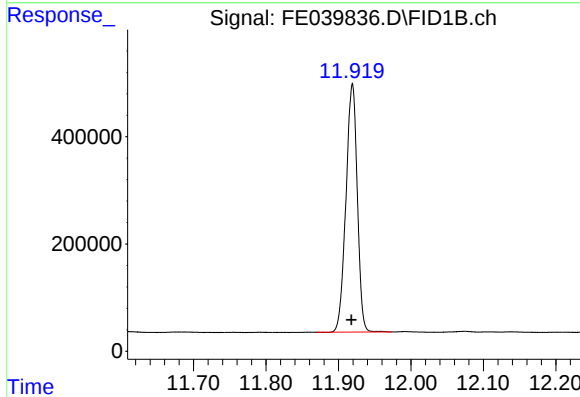
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





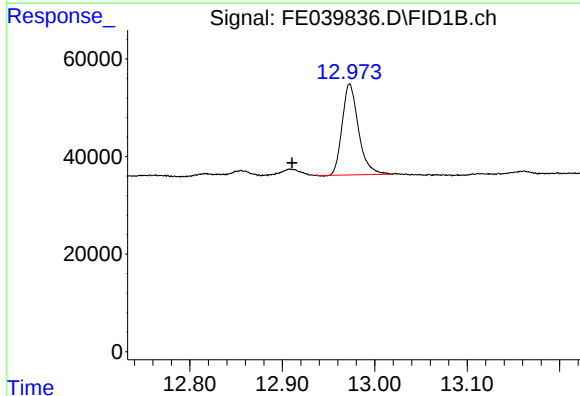
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.028 min
Response: 80165
Conc: 0.59 ug/ml



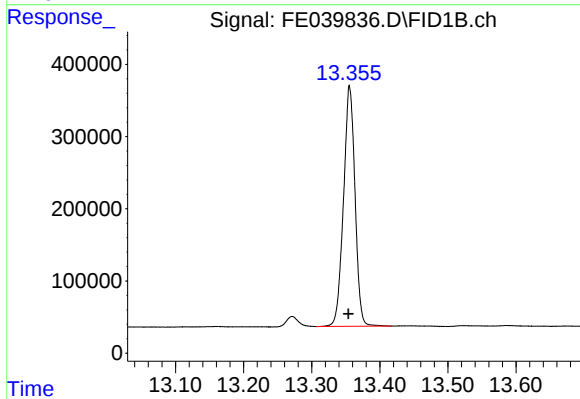
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 5043785
Conc: 32.84 ug/ml



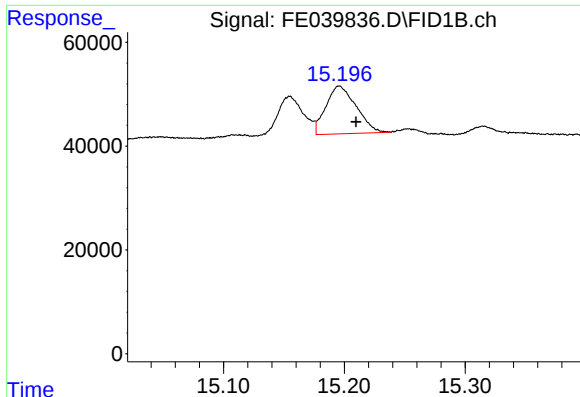
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.062 min
Response: 228732
Conc: 1.65 ug/ml



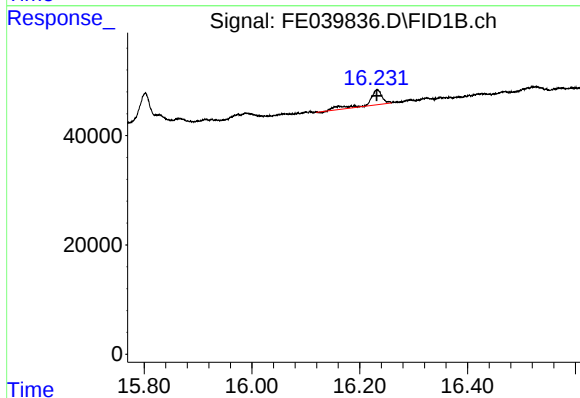
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 3914653
Conc: 33.55 ug/ml



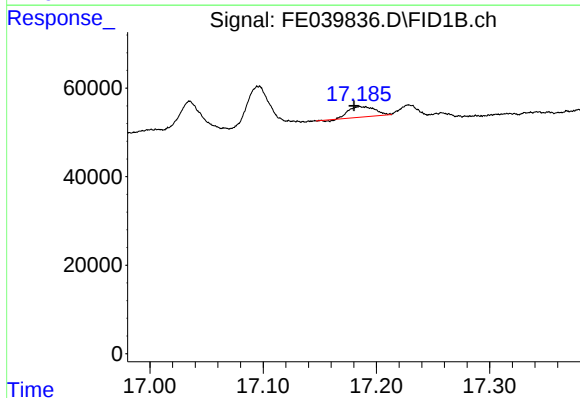
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.014 min
Response: 160610
Conc: 1.17 ug/ml



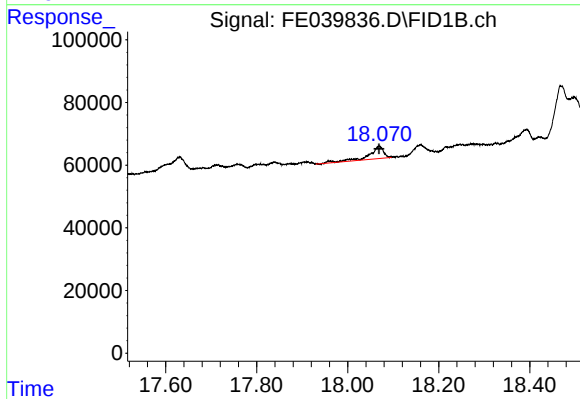
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 47126
Conc: 0.35 ug/ml



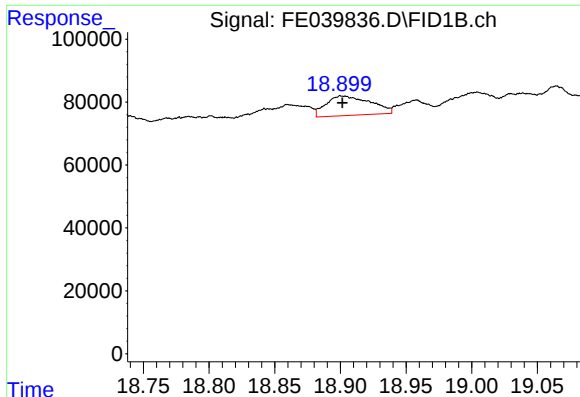
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.005 min
Response: 36992
Conc: 0.28 ug/ml



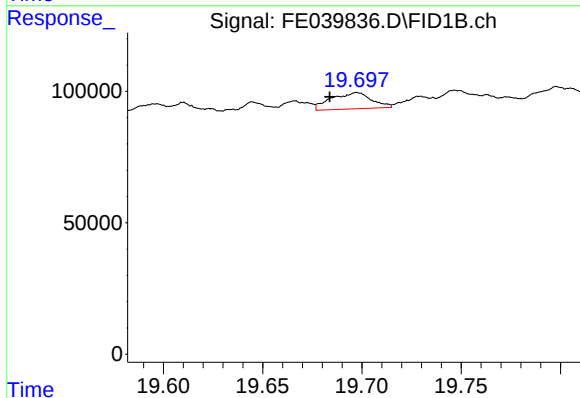
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 86556
Conc: 0.68 ug/ml



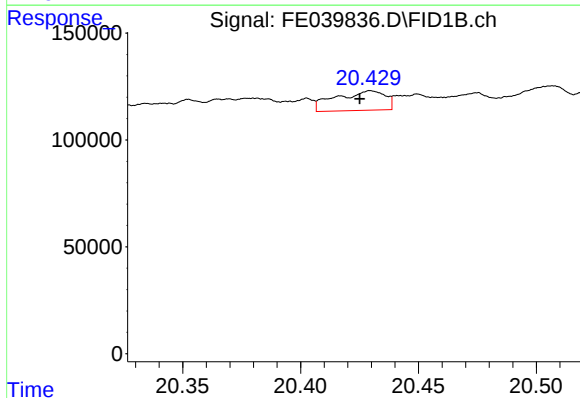
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.000 min
Response: 146646
Conc: 1.16 ug/ml



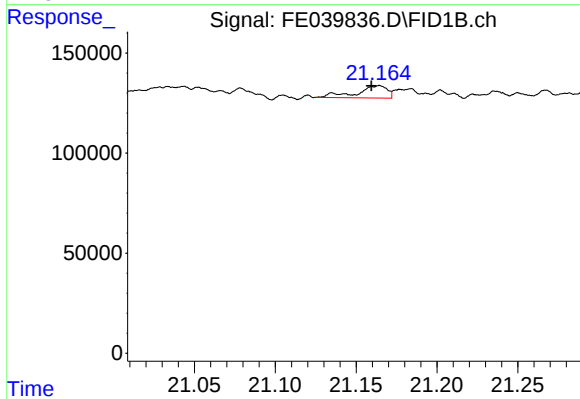
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.014 min
Response: 87642
Conc: 0.71 ug/ml



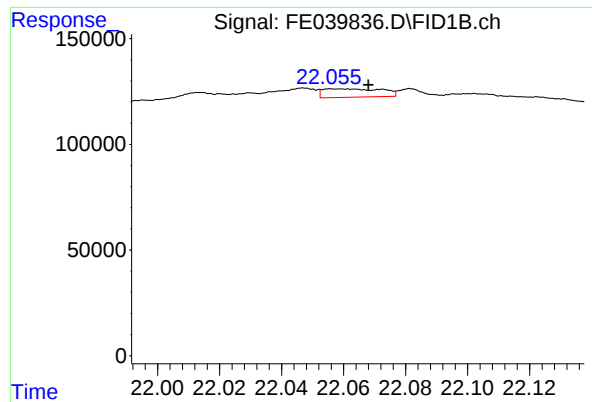
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.005 min
Response: 133693
Conc: 1.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.005 min
Response: 79923
Conc: 0.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.010 min
Response: 52000
Conc: 0.43 ug/ml