

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073125AL\
 Data File : FE055097.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2025 16:48
 Operator : YP\AJ
 Sample : Q2728-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 00:26:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 2025
 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)	12.089	4679806	31.616 ug/ml
Spiked Amount 50.000		Recovery =	63.23%
12) S 1-chlorooctadecane (S...	13.525	3672966	32.799 ug/ml
Spiked Amount 50.000		Recovery =	65.60%
Target Compounds			
1) T n-Nonane (C9)	3.422	23314	0.192 ug/ml
6) T n-Tetradecane (C14)	8.698	42999	0.327 ug/ml
10) T n-Eicosane (C20)	13.073	56670	0.435 ug/ml
13) T n-Docosane (C22)	14.277	28967	0.230 ug/ml
14) T n-Tetracosane (C24)	15.376	235727	1.881 ug/ml
15) T n-Hexacosane (C26)	16.408	39433	0.319 ug/ml
16) T n-Octacosane (C28)	17.361	70763	0.571 ug/ml
17) T n-Tricontane (C30)	18.251	221556	1.691 ug/ml
18) T n-Dotriacontane (C32)	19.086	106993	0.821 ug/ml
19) T n-Tetratriacontane (C34)	19.869	42959	0.347 ug/ml
20) T n-Hexatriacontane (C36)	20.609	27443	0.239 ug/ml
22) T n-Tetracontane (C40)	22.394	47917	0.435 ug/ml

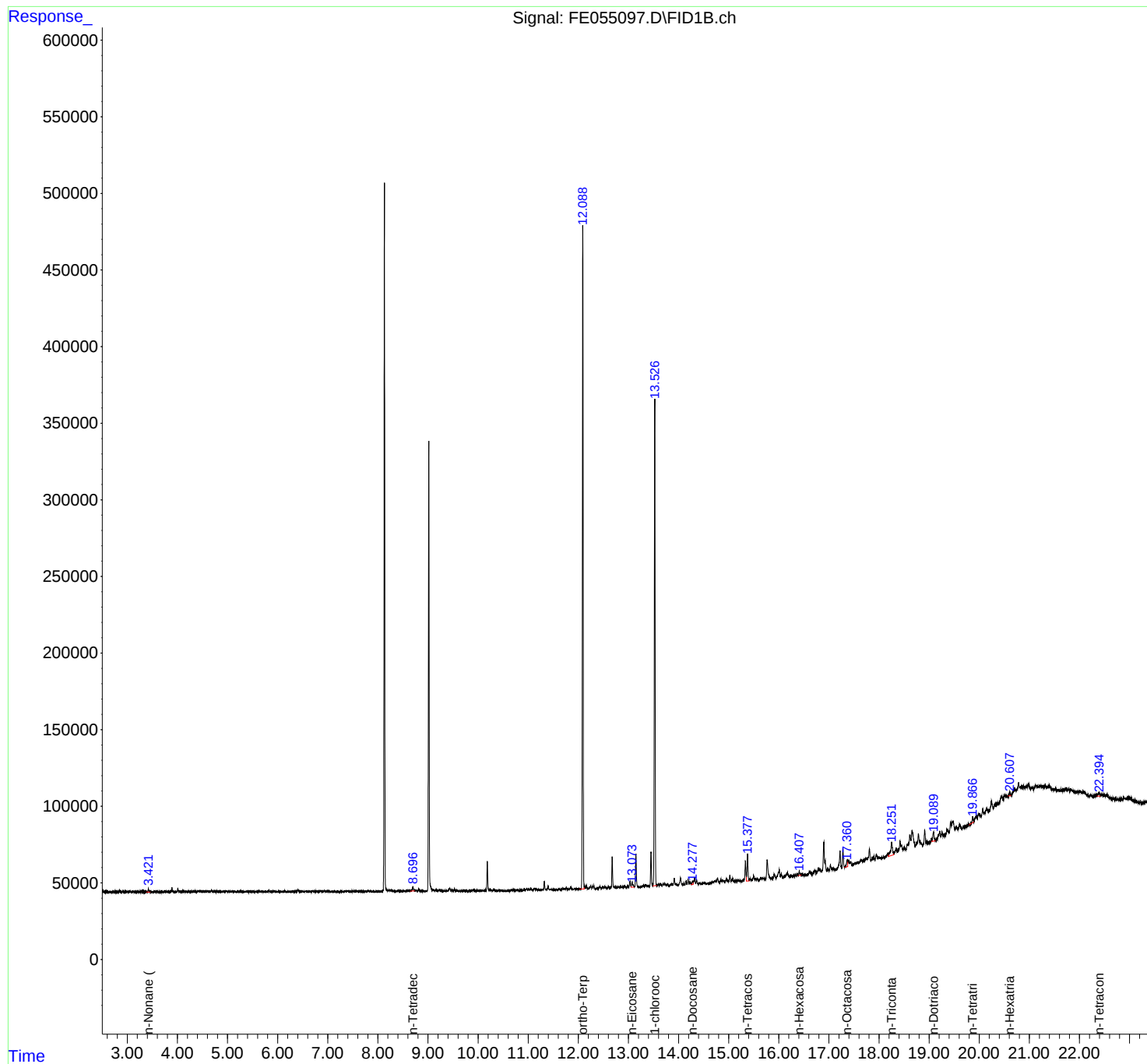
(f)=RT Delta > 1/2 Window

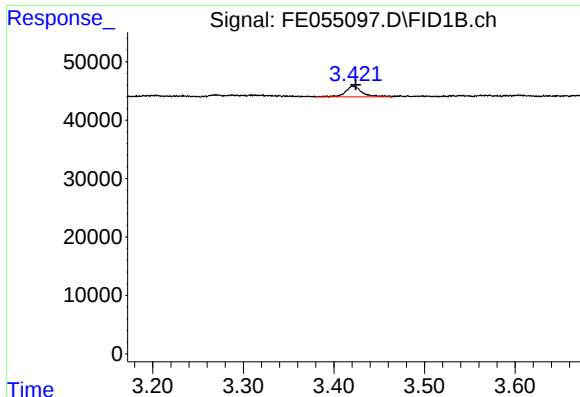
(m)=manual int.

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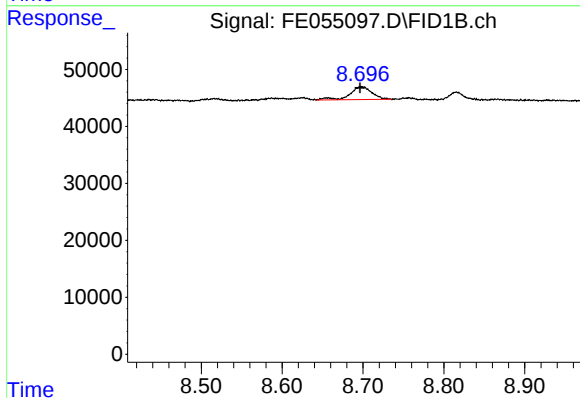
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





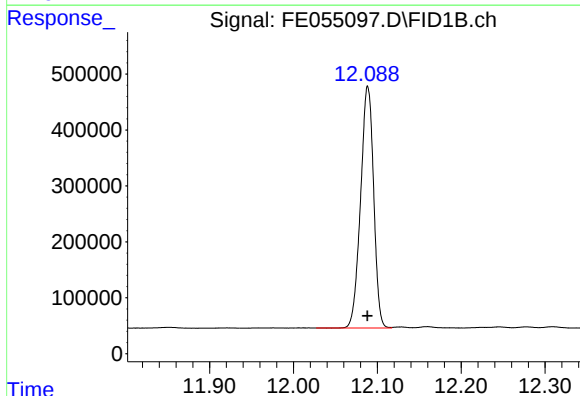
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: -0.002 min
Response: 23314
Conc: 0.19 ug/ml



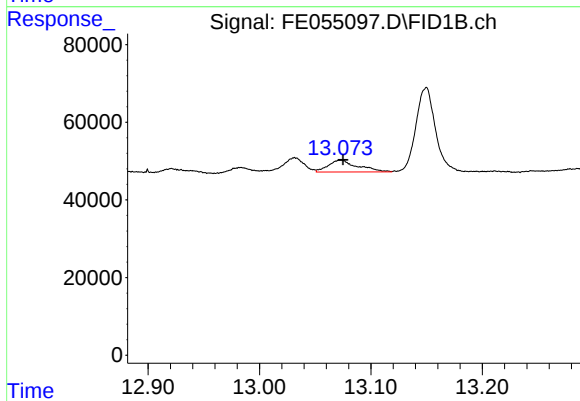
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 42999
Conc: 0.33 ug/ml



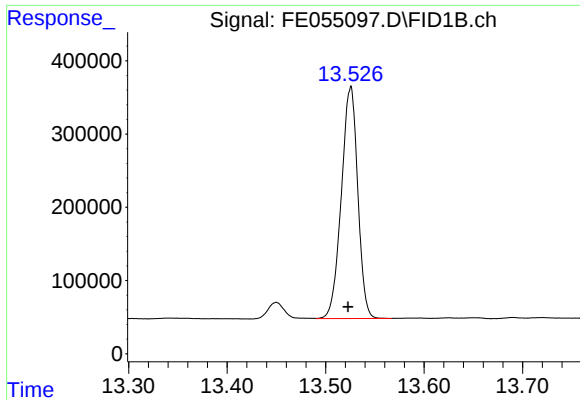
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.000 min
Response: 4679806
Conc: 31.62 ug/ml



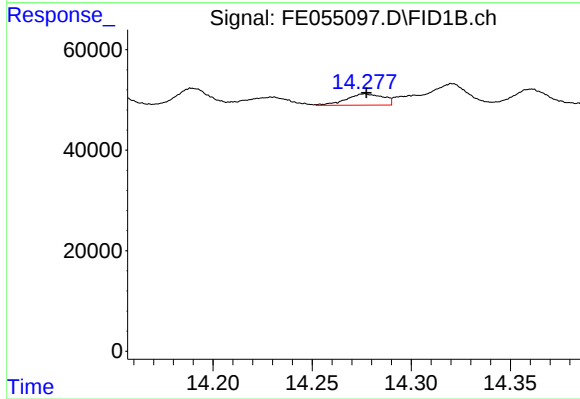
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: -0.002 min
Response: 56670
Conc: 0.44 ug/ml



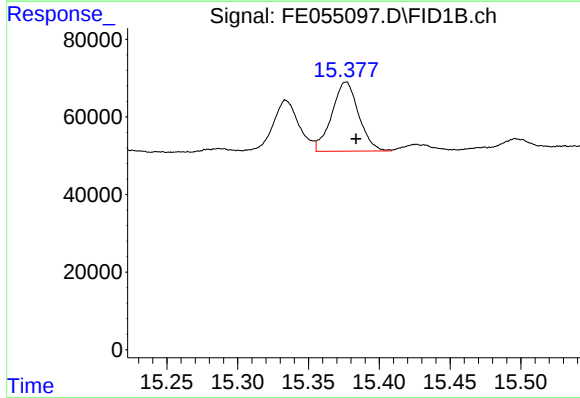
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 3672966
Conc: 32.80 ug/ml



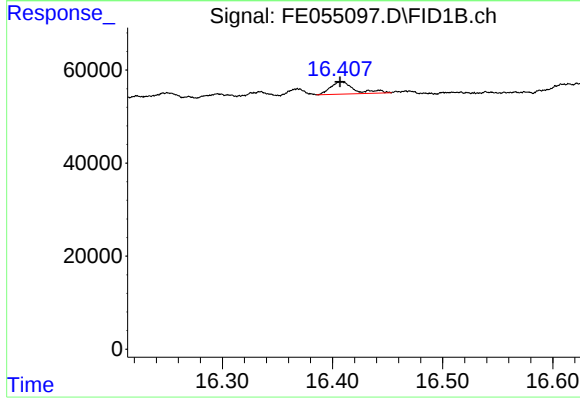
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.000 min
Response: 28967
Conc: 0.23 ug/ml



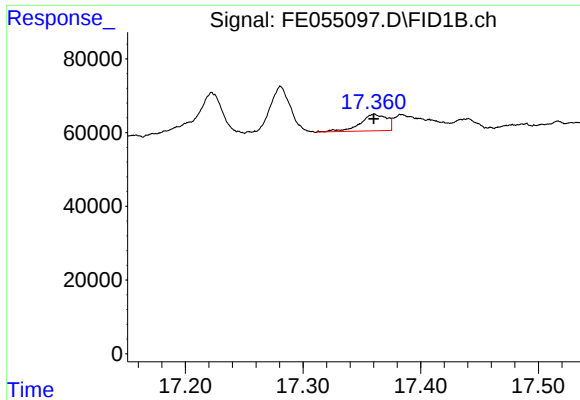
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.007 min
Response: 235727
Conc: 1.88 ug/ml



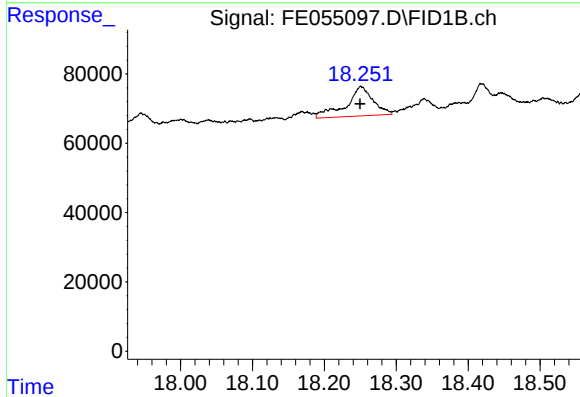
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.001 min
Response: 39433
Conc: 0.32 ug/ml



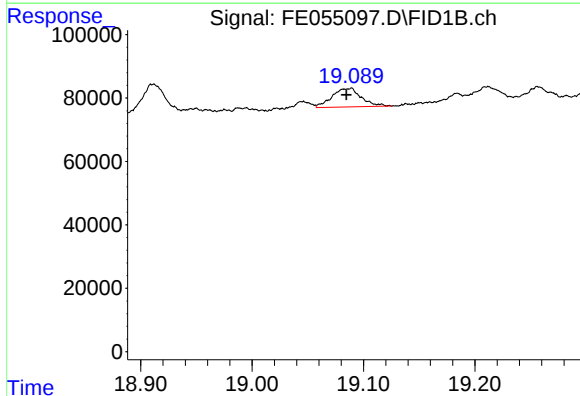
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.000 min
Response: 70763
Conc: 0.57 ug/ml



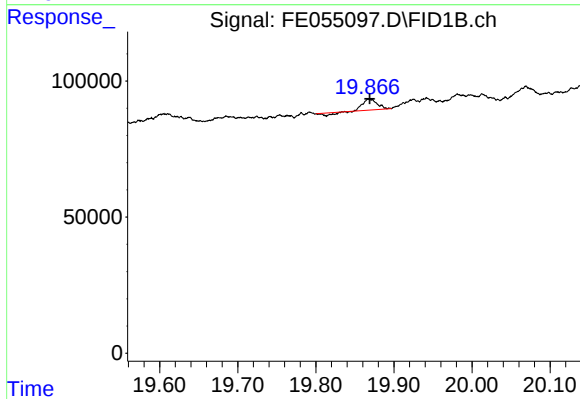
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.002 min
Response: 221556
Conc: 1.69 ug/ml



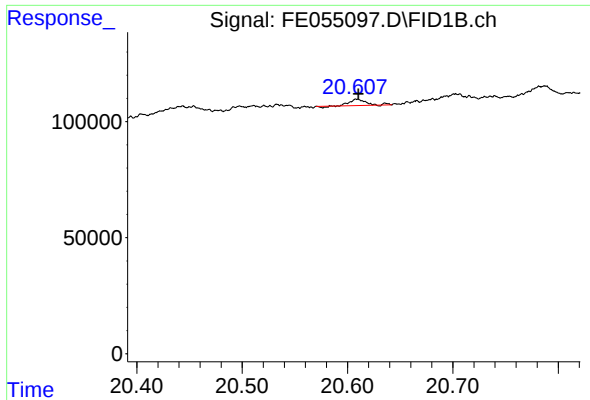
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.002 min
Response: 106993
Conc: 0.82 ug/ml



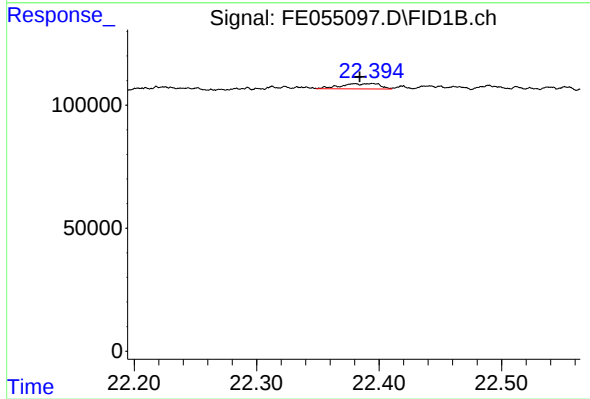
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.000 min
Response: 42959
Conc: 0.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: -0.001 min
Response: 27443
Conc: 0.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.394 min
Delta R.T.: 0.010 min
Response: 47917
Conc: 0.43 ug/ml