

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054970.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 20:15
 Operator : YP\AJ
 Sample : Q2658-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 23 04:33:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.091	7117293	43.827 ug/ml
Spiked Amount 50.000		Recovery =	87.65%
12) S 1-chlorooctadecane (S...	13.527	4861406	38.493 ug/ml
Spiked Amount 50.000		Recovery =	76.99%
Target Compounds			
6) T n-Tetradecane (C14)	8.692	64421	0.465 ug/ml
7) T n-Hexadecane (C16)	10.312	62824	0.441 ug/ml
8) T n-Octadecane (C18)	11.760	456304	3.114 ug/ml
10) T n-Eicosane (C20)	13.077	486882	3.386 ug/ml
11) T n-Heneicosane (C21)	13.691	255190	1.787 ug/ml
13) T n-Docosane (C22)	14.276	376268	2.635 ug/ml
14) T n-Tetracosane (C24)	15.379	216155	1.487 ug/ml
15) T n-Hexacosane (C26)	16.406	70290	0.486 ug/ml
16) T n-Octacosane (C28)	17.356	57039	0.391 ug/ml
17) T n-Tricontane (C30)	18.247	86513	0.549 ug/ml
18) T n-Dotriacontane (C32)	19.077	131160	0.811 ug/ml
19) T n-Tetratriacontane (C34)	19.866	71036	0.466 ug/ml
20) T n-Hexatriacontane (C36)	20.544f	48475	0.361 ug/ml
21) T n-Octatriacontane (C38)	21.335f	202041	1.723 ug/ml

(f)=RT Delta > 1/2 Window

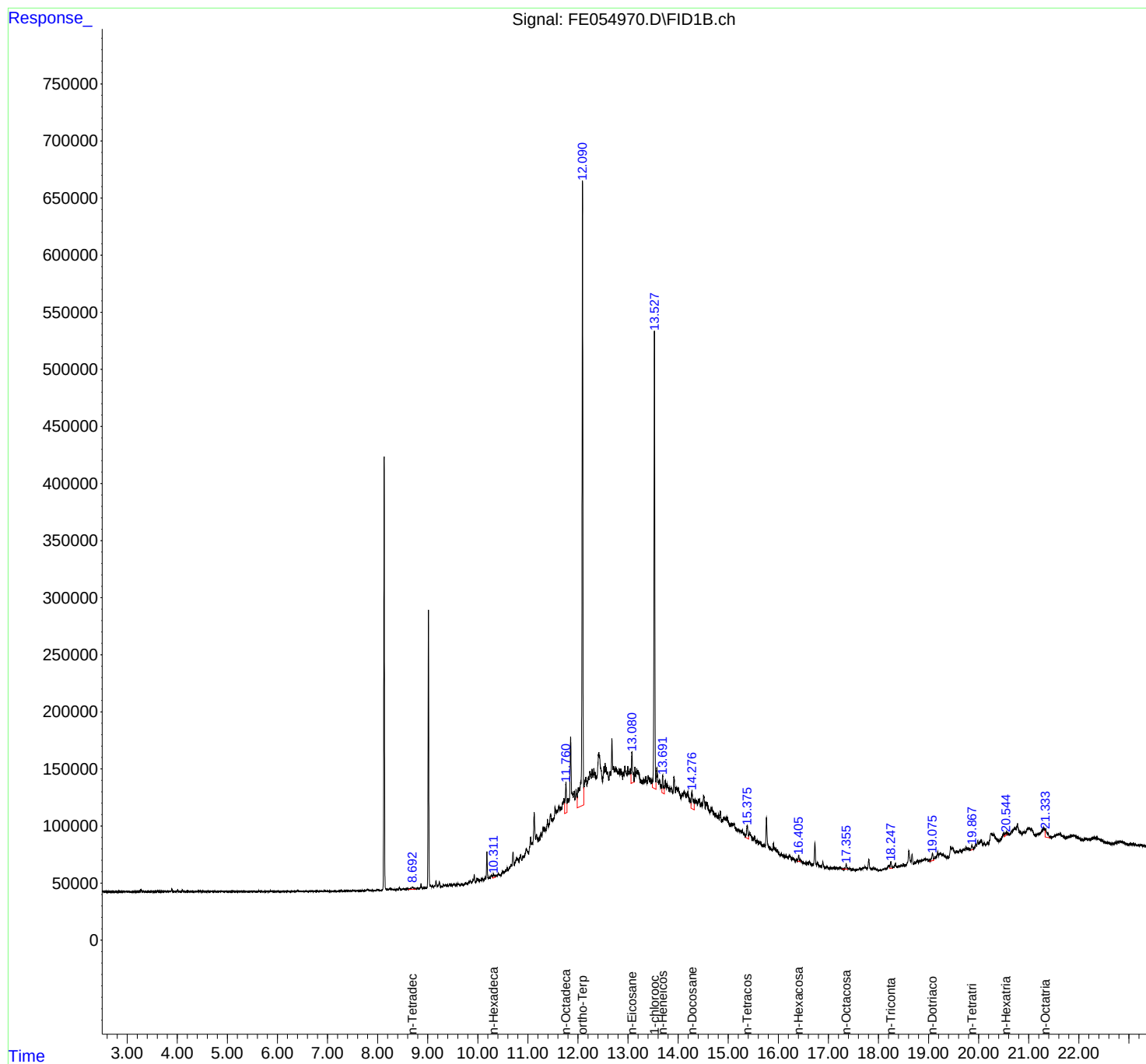
(m)=manual int.

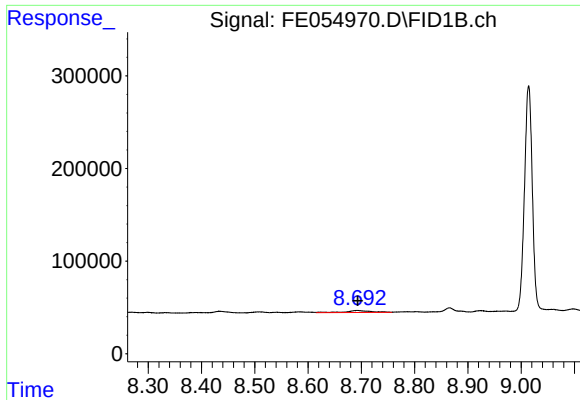
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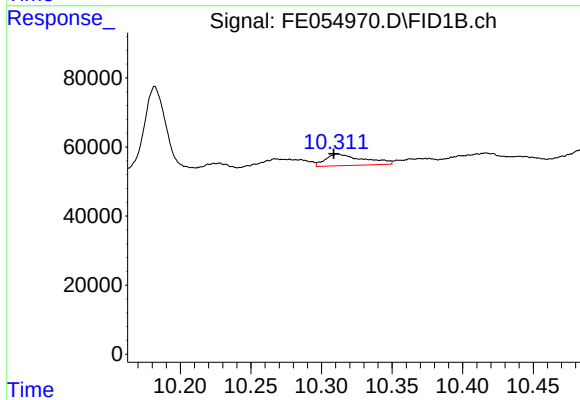




#6 n-Tetradecane (C14)

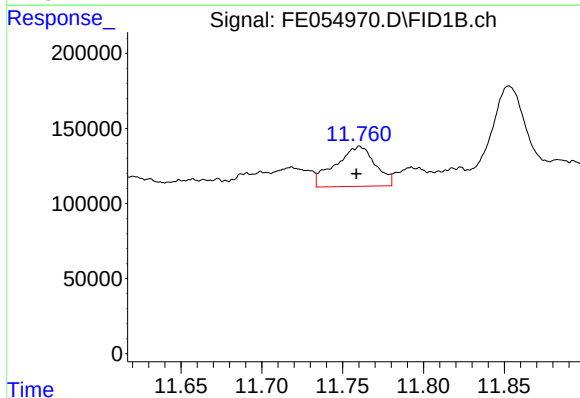
R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 64421
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



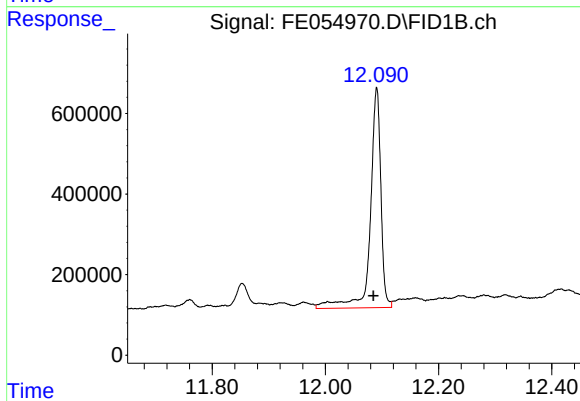
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 62824
Conc: 0.44 ug/ml



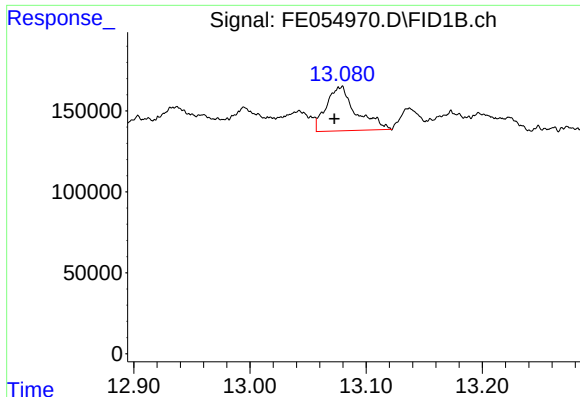
#8 n-Octadecane (C18)

R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 456304
Conc: 3.11 ug/ml



#9 ortho-Terphenyl (SURR)

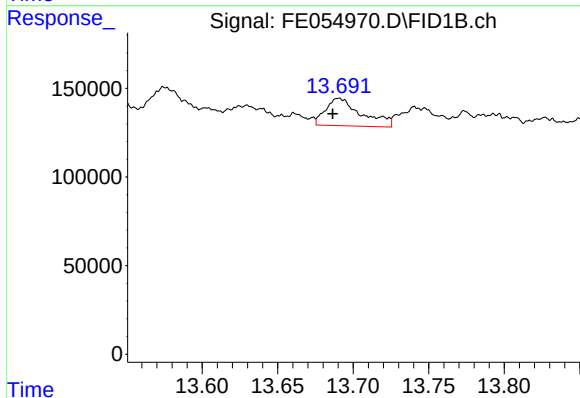
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 7117293
Conc: 43.83 ug/ml



#10 n-Eicosane (C20)

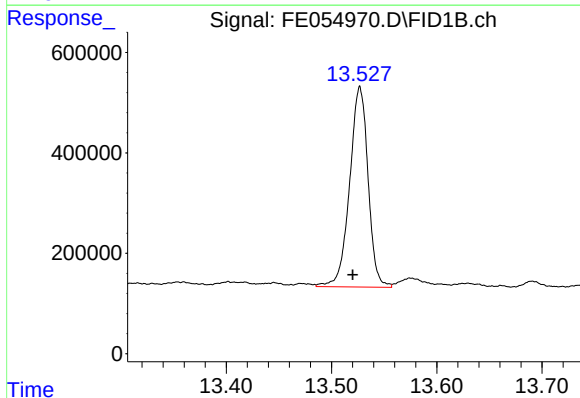
R.T.: 13.077 min
Delta R.T.: 0.005 min
Response: 486882
Conc: 3.39 ug/ml

Instrument :
FID_E
ClientSampleId :



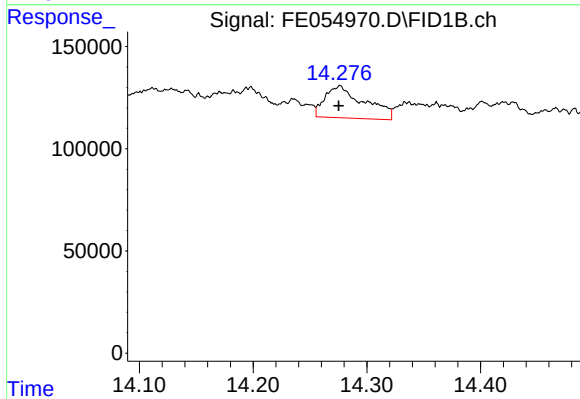
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.004 min
Response: 255190
Conc: 1.79 ug/ml



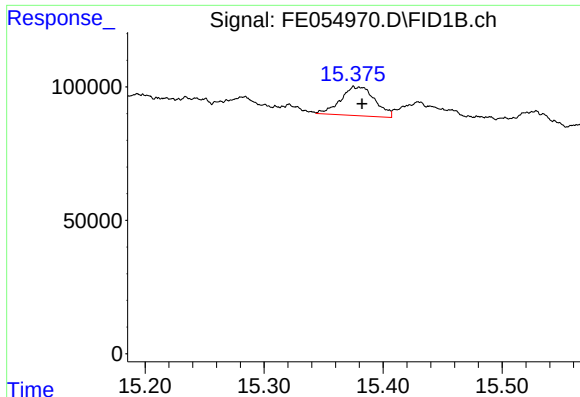
#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 4861406
Conc: 38.49 ug/ml



#13 n-Docosane (C22)

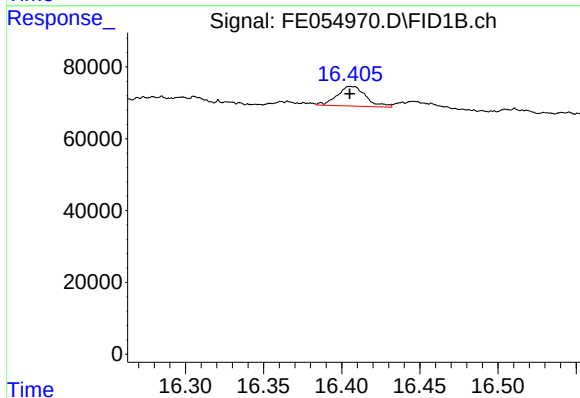
R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 376268
Conc: 2.64 ug/ml



#14 n-Tetracosane (C24)

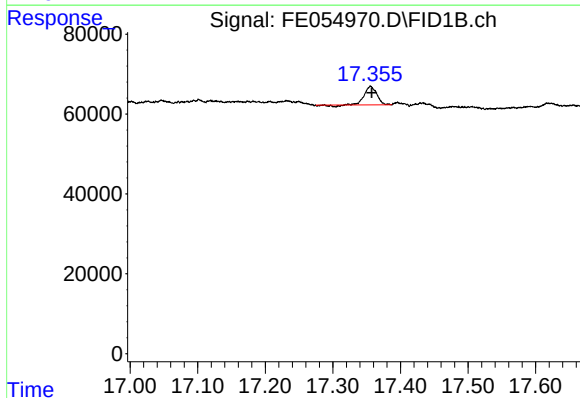
R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 216155
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :



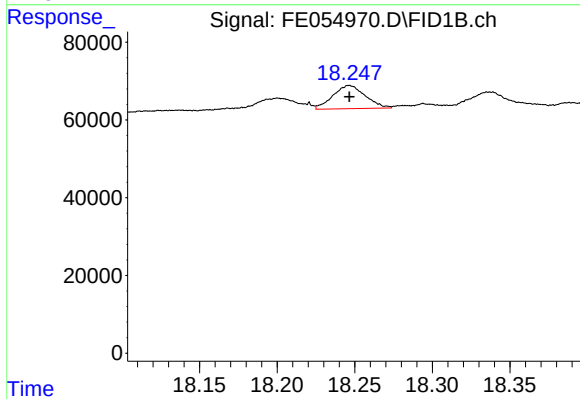
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 70290
Conc: 0.49 ug/ml



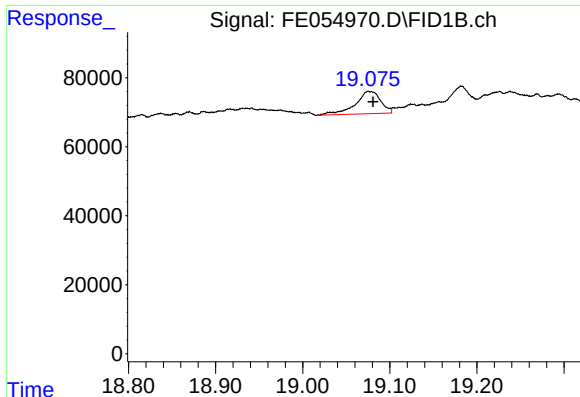
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 57039
Conc: 0.39 ug/ml



#17 n-Tricontane (C30)

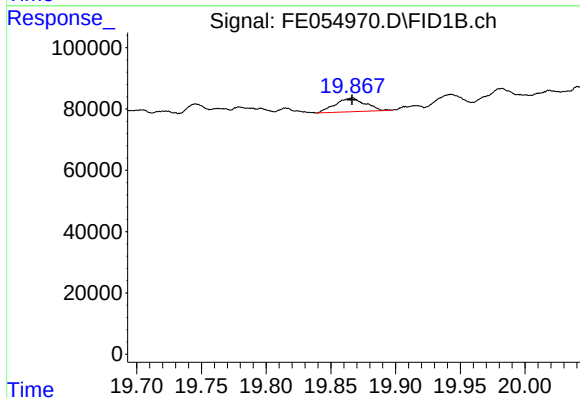
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 86513
Conc: 0.55 ug/ml



#18 n-Dotriacontane (C32)

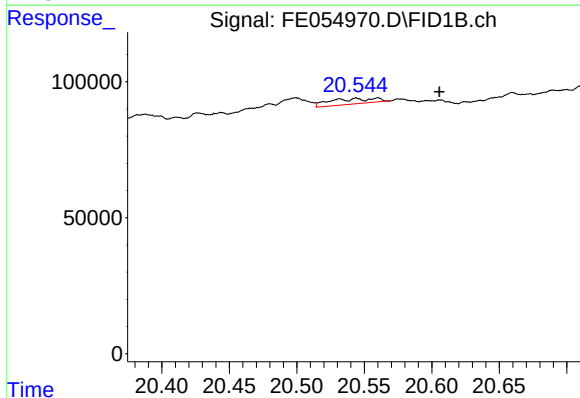
R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 131160
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :



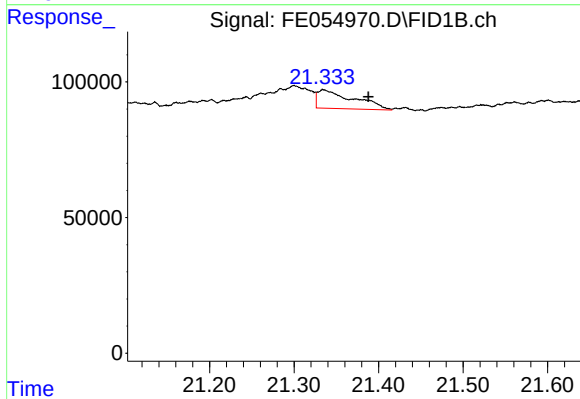
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 71036
Conc: 0.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.544 min
Delta R.T.: -0.061 min
Response: 48475
Conc: 0.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.335 min
Delta R.T.: -0.053 min
Response: 202041
Conc: 1.72 ug/ml