

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054838.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 11:53
 Operator : YP\AJ
 Sample : Q2564-03DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0013DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:29:54 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)	12.085	509671	3.138 ug/ml
Spiked Amount 50.000		Recovery =	6.28%
12) S 1-chlorooctadecane (S...	13.521	545321	4.318 ug/ml
Spiked Amount 50.000		Recovery =	8.64%
Target Compounds			
6) T n-Tetradecane (C14)	8.686	108229	0.781 ug/ml
7) T n-Hexadecane (C16)	10.324	57624	0.404 ug/ml
8) T n-Octadecane (C18)	11.751	61475	0.419 ug/ml
10) T n-Eicosane (C20)	13.074	113299	0.788 ug/ml
11) T n-Heneicosane (C21)	13.688	237721	1.664 ug/ml
13) T n-Docosane (C22)	14.274	458308	3.210 ug/ml
17) T n-Tricontane (C30)	18.246	62420	0.396 ug/ml
18) T n-Dotriacontane (C32)	19.081	65519	0.405 ug/ml
20) T n-Hexatriacontane (C36)	20.606	27887	0.207 ug/ml
21) T n-Octatriacontane (C38)	21.392	35314	0.301 ug/ml
22) T n-Tetracontane (C40)	22.422	53586	0.494 ug/ml

(f)=RT Delta > 1/2 Window

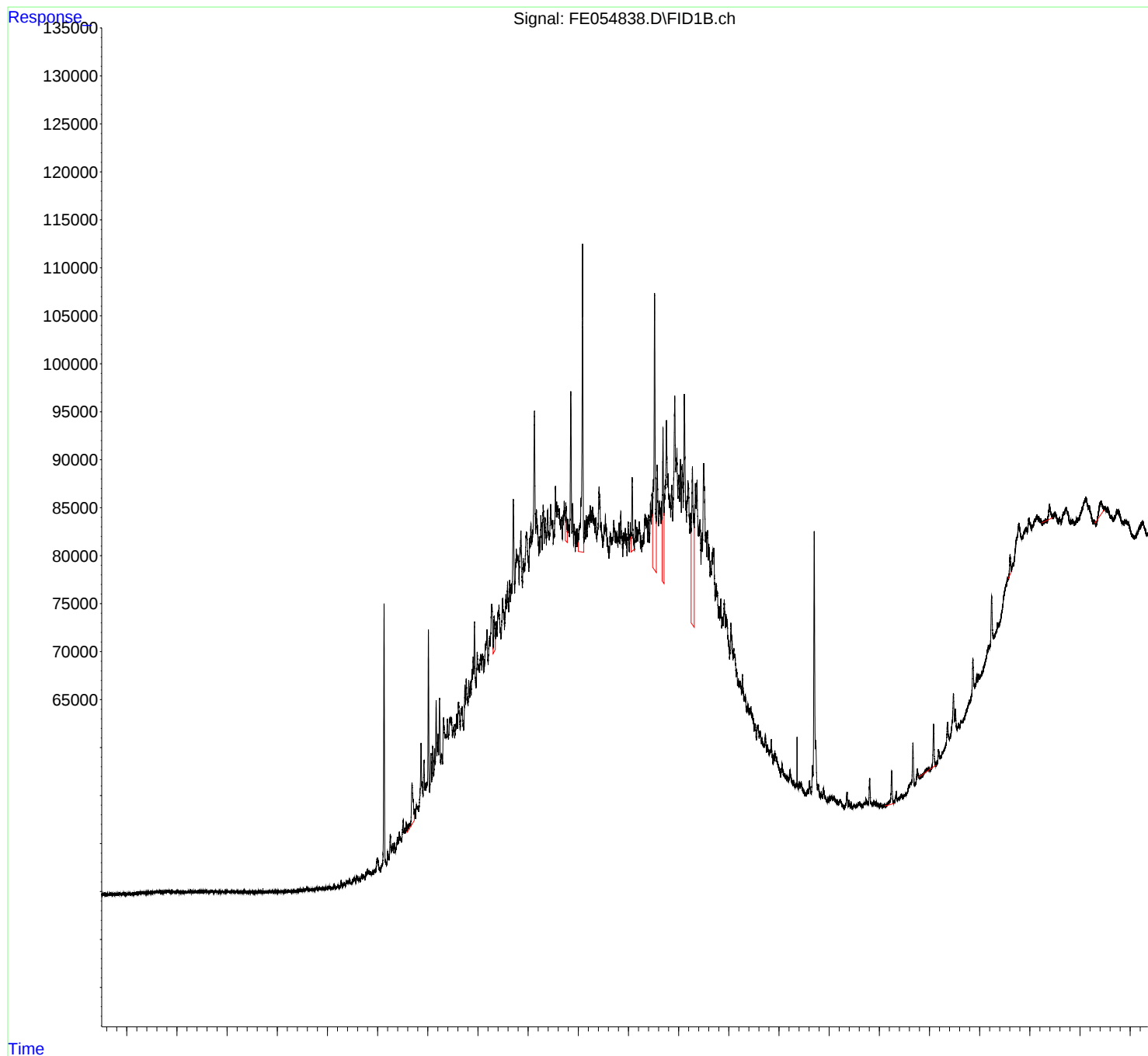
(m)=manual int.

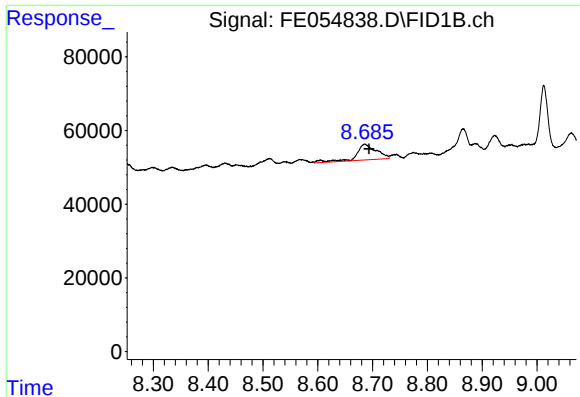
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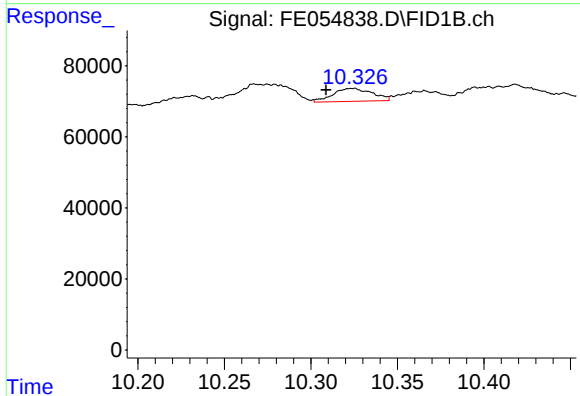




#6 n-Tetradecane (C14)

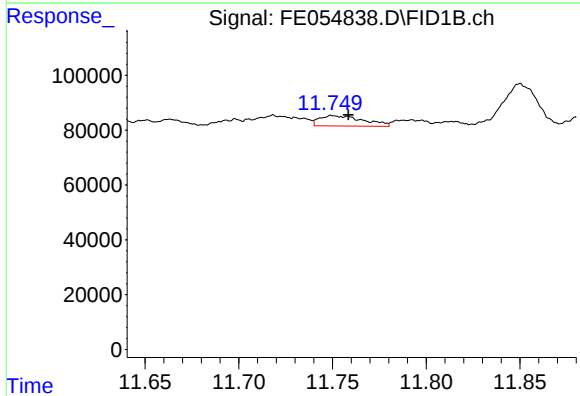
R.T.: 8.686 min
Delta R.T.: -0.008 min
Response: 108229
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0013DL



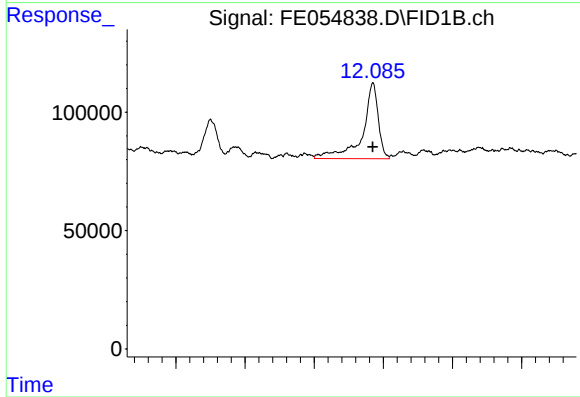
#7 n-Hexadecane (C16)

R.T.: 10.324 min
Delta R.T.: 0.015 min
Response: 57624
Conc: 0.40 ug/ml



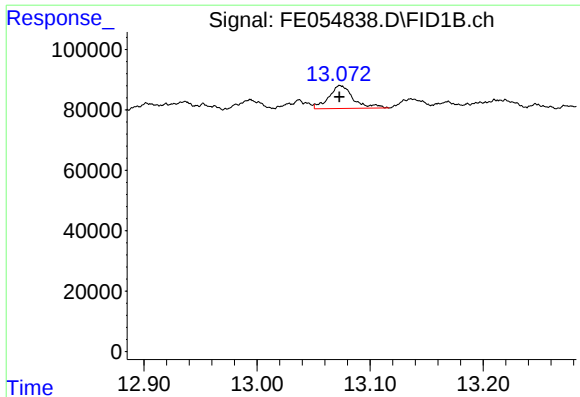
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: -0.008 min
Response: 61475
Conc: 0.42 ug/ml



#9 ortho-Terphenyl (SURR)

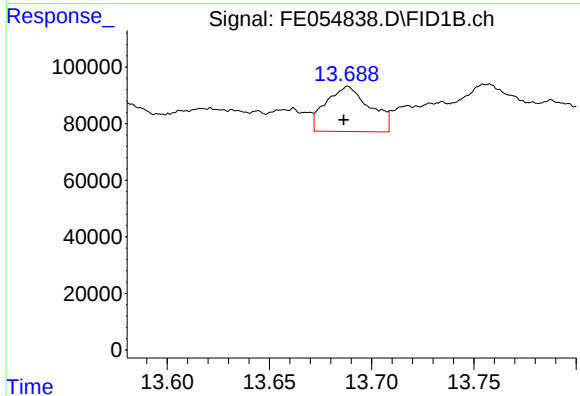
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 509671
Conc: 3.14 ug/ml



#10 n-Eicosane (C20)

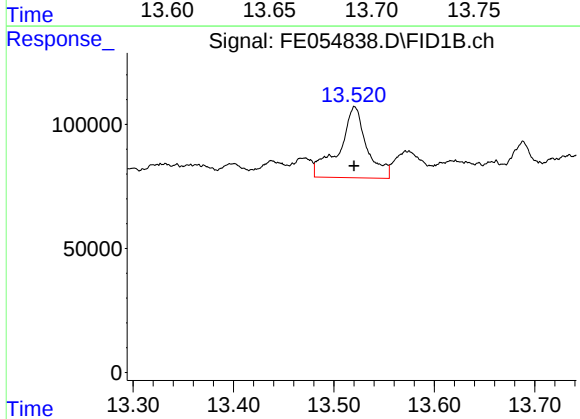
R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 113299
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0013DL



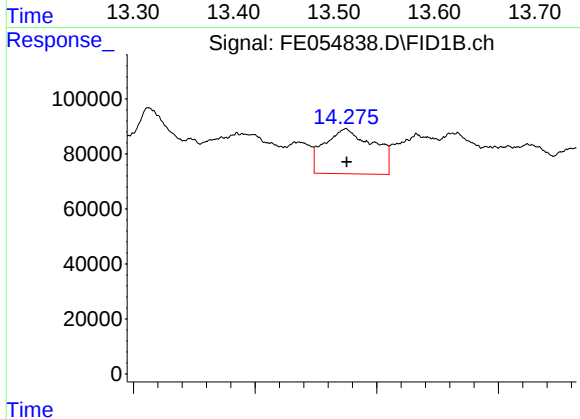
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 237721
Conc: 1.66 ug/ml



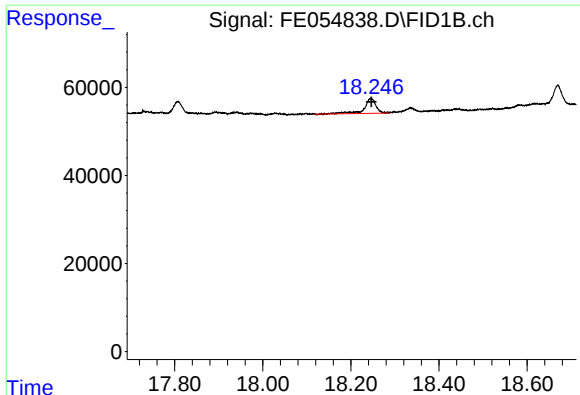
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 545321
Conc: 4.32 ug/ml



#13 n-Docosane (C22)

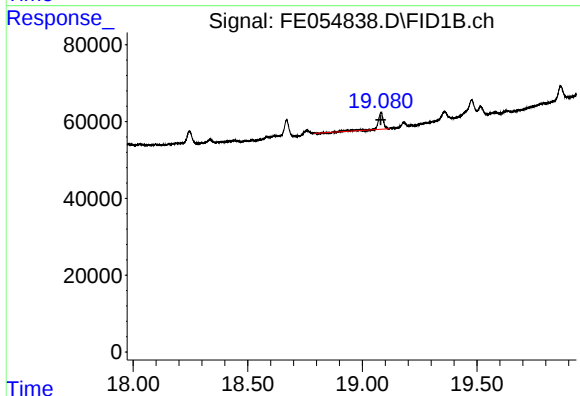
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 458308
Conc: 3.21 ug/ml



#17 n-Tricontane (C30)

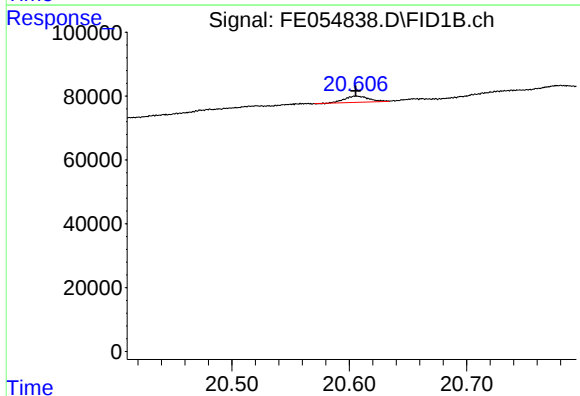
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 62420
Conc: 0.40 ug/ml

Instrument :
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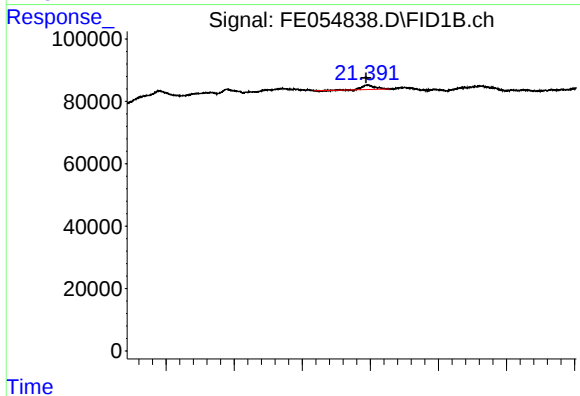
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 65519
Conc: 0.40 ug/ml



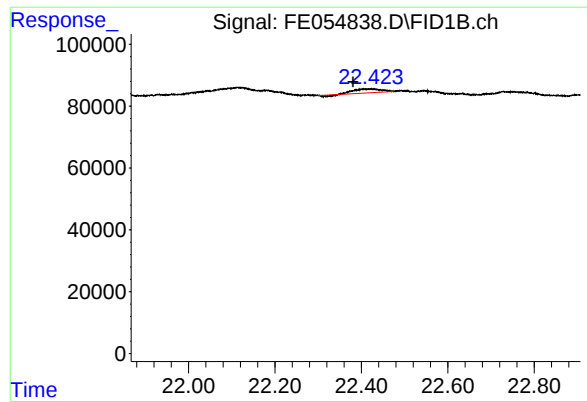
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 27887
Conc: 0.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.005 min
Response: 35314
Conc: 0.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.422 min
Delta R.T.: 0.041 min
Response: 53586
Conc: 0.49 ug/ml

Instrument :
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ClientSampleId :
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