

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054650.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 10:10
 Operator : YP\AJ
 Sample : Q2449-02DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RBR200032-E2DL

Integration File: autoint1.e
 Quant Time: Jul 02 02:20:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.072	819669	5.047 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
12) S 1-chlorooctadecane (S...	13.509	614576	4.866 ug/ml
Spiked Amount 50.000		Recovery =	9.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.680	47684	0.344 ug/ml
7) T n-Hexadecane (C16)	10.313	30990	0.217 ug/ml
8) T n-Octadecane (C18)	11.721	93939	0.641 ug/ml
10) T n-Eicosane (C20)	13.031	120533	0.838 ug/ml
11) T n-Heneicosane (C21)	13.728 ^f	232892	1.631 ug/ml
16) T n-Octacosane (C28)	17.343	31695	0.217 ug/ml
17) T n-Tricontane (C30)	18.232	121511	0.771 ug/ml
18) T n-Dotriacontane (C32)	19.066	229838	1.421 ug/ml
19) T n-Tetratriacontane (C34)	19.851	175253	1.150 ug/ml
20) T n-Hexatriacontane (C36)	20.591	166543	1.239 ug/ml
21) T n-Octatriacontane (C38)	21.367	139940	1.193 ug/ml
22) T n-Tetracontane (C40)	22.353	81534	0.752 ug/ml

(f)=RT Delta > 1/2 Window

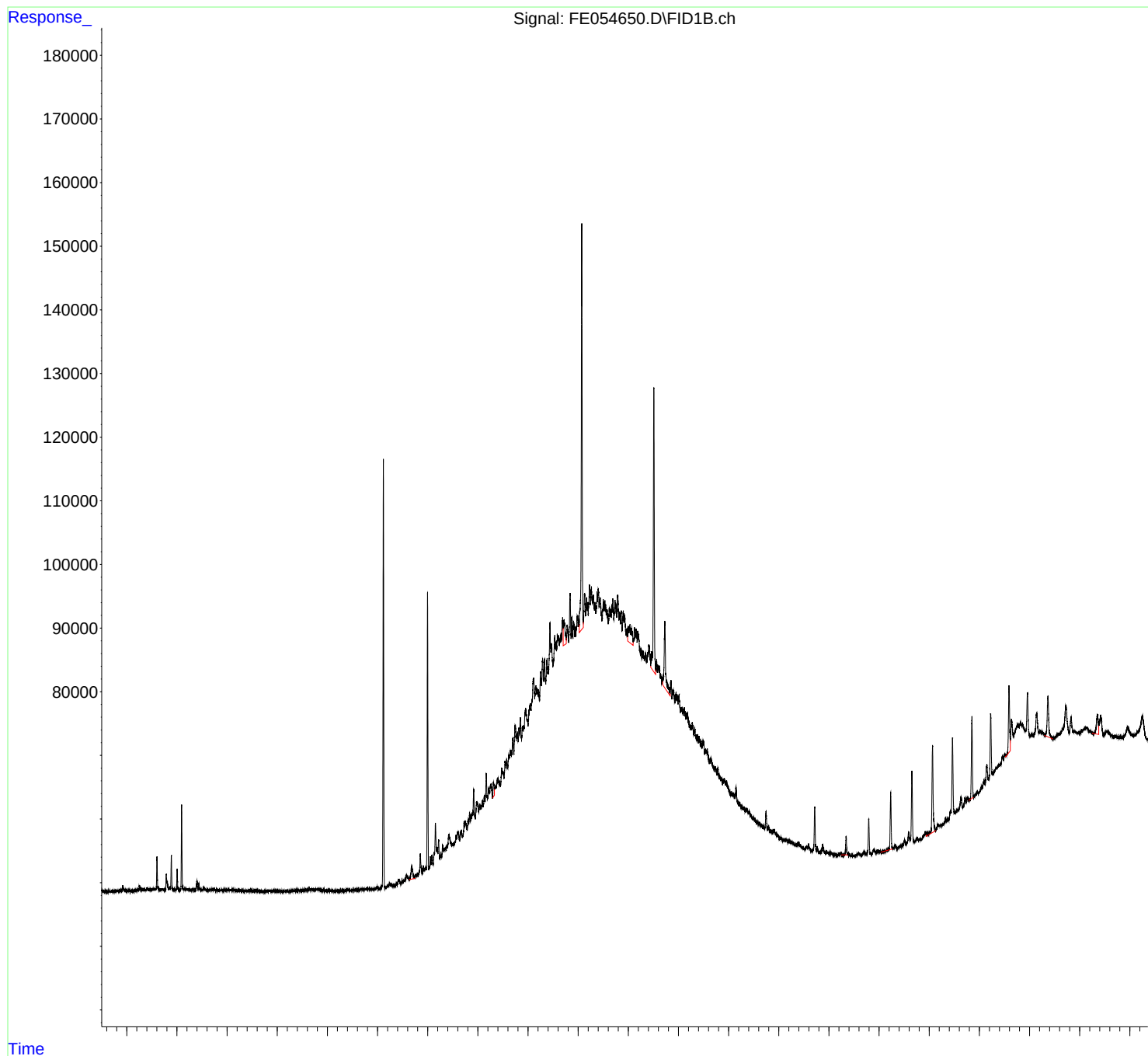
(m)=manual int.

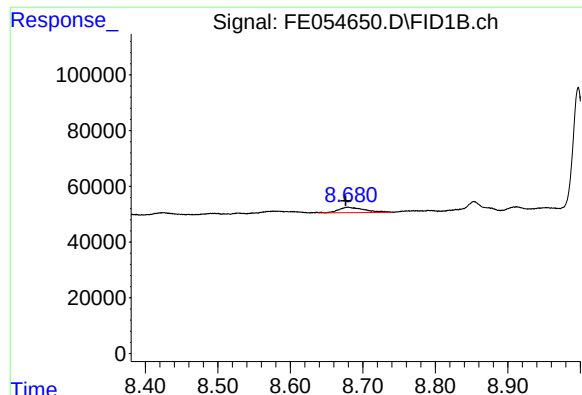
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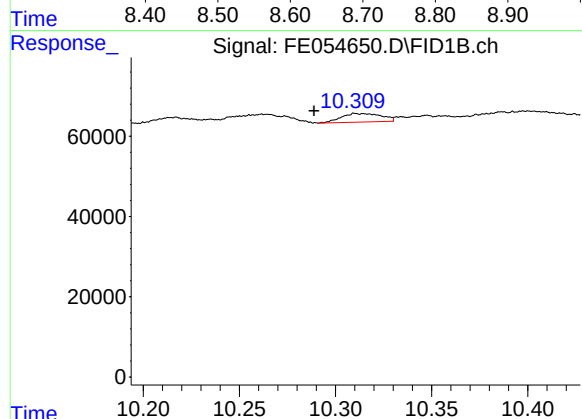




#6 n-Tetradecane (C14)

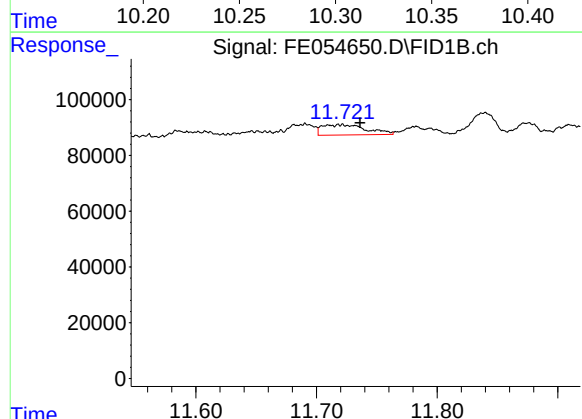
R.T.: 8.680 min
Delta R.T.: 0.003 min
Response: 47684
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
RBR200032-E2DL



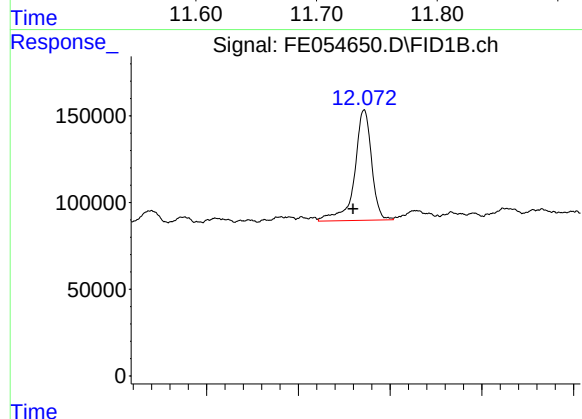
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.024 min
Response: 30990
Conc: 0.22 ug/ml



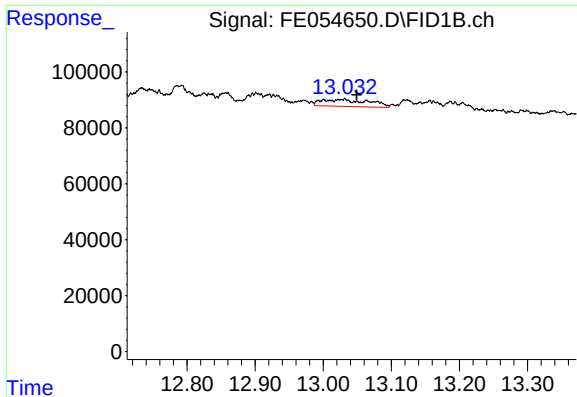
#8 n-Octadecane (C18)

R.T.: 11.721 min
Delta R.T.: -0.015 min
Response: 93939
Conc: 0.64 ug/ml



#9 ortho-Terphenyl (SURR)

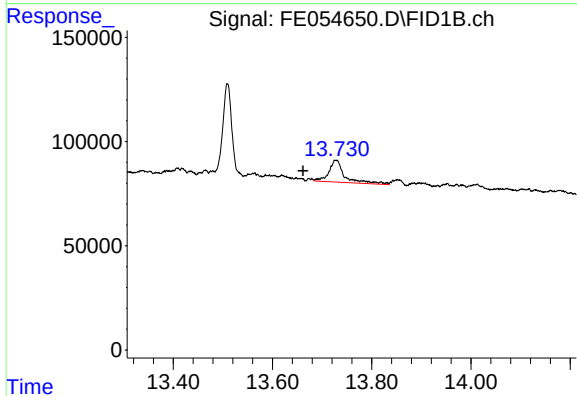
R.T.: 12.072 min
Delta R.T.: 0.012 min
Response: 819669
Conc: 5.05 ug/ml



#10 n-Eicosane (C20)

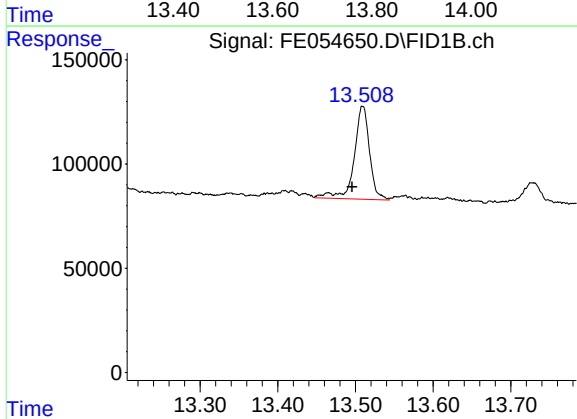
R.T.: 13.031 min
Delta R.T.: -0.018 min
Response: 120533
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :
RBR200032-E2DL



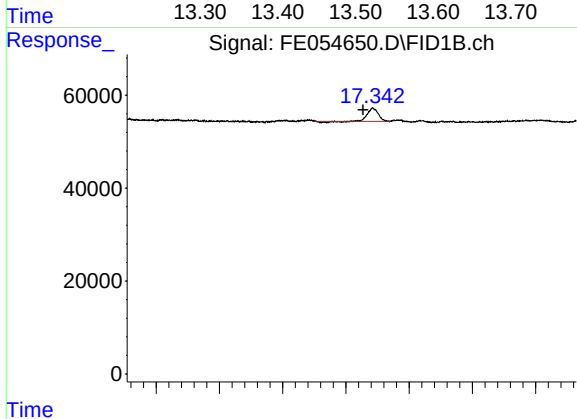
#11 n-Heneicosane (C21)

R.T.: 13.728 min
Delta R.T.: 0.067 min
Response: 232892
Conc: 1.63 ug/ml



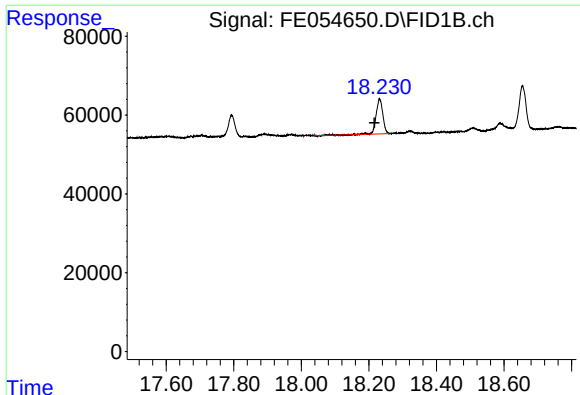
#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: 0.014 min
Response: 614576
Conc: 4.87 ug/ml



#16 n-Octacosane (C28)

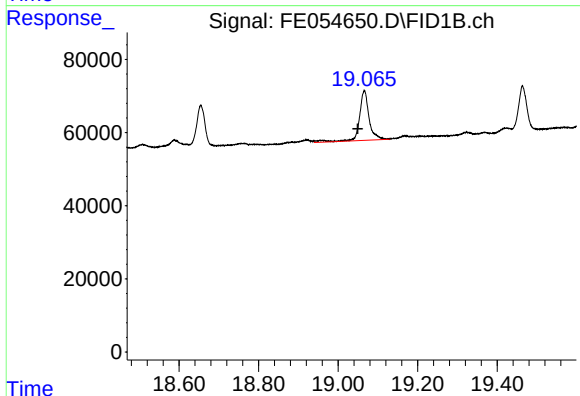
R.T.: 17.343 min
Delta R.T.: 0.016 min
Response: 31695
Conc: 0.22 ug/ml



#17 n-Tricontane (C30)

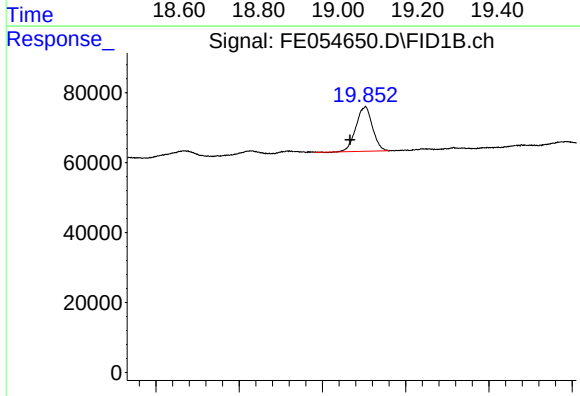
R.T.: 18.232 min
Delta R.T.: 0.016 min
Response: 121511
Conc: 0.77 ug/ml

Instrument :
FID_E
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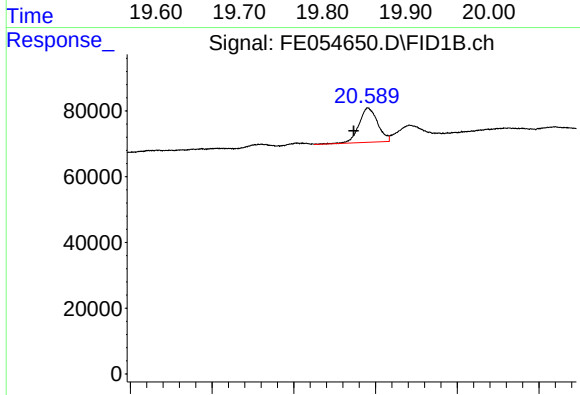
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: 0.017 min
Response: 229838
Conc: 1.42 ug/ml



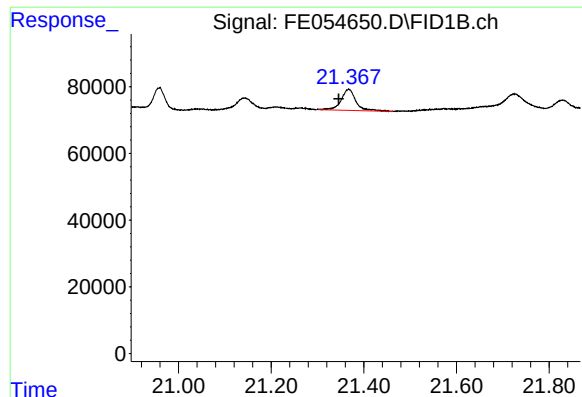
#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: 0.018 min
Response: 175253
Conc: 1.15 ug/ml



#20 n-Hexatriacontane (C36)

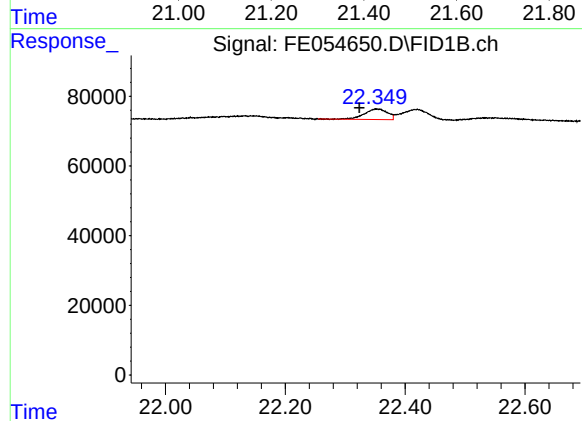
R.T.: 20.591 min
Delta R.T.: 0.018 min
Response: 166543
Conc: 1.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: 0.022 min
Response: 139940
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :
RBR200032-E2DL



#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: 0.029 min
Response: 81534
Conc: 0.75 ug/ml