

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054897.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 11:47
 Operator : YP\AJ
 Sample : Q2614-03DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-MCN-01DL

Integration File: autoint1.e
 Quant Time: Jul 18 06:05:35 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)	12.089	2522480	15.533 ug/ml
Spiked Amount 50.000		Recovery =	31.07%
12) S 1-chlorooctadecane (S...	13.525	1982591	15.698 ug/ml
Spiked Amount 50.000		Recovery =	31.40%
Target Compounds			
6) T n-Tetradecane (C14)	8.696	48232	0.348 ug/ml
8) T n-Octadecane (C18)	11.779	69644	0.475 ug/ml
10) T n-Eicosane (C20)	13.074	57057	0.397 ug/ml
11) T n-Heneicosane (C21)	13.687	30596	0.214 ug/ml
13) T n-Docosane (C22)	14.279	40022	0.280 ug/ml
14) T n-Tetracosane (C24)	15.376	341152	2.347 ug/ml
15) T n-Hexacosane (C26)	16.410	64178	0.443 ug/ml
16) T n-Octacosane (C28)	17.381	189414	1.300 ug/ml
17) T n-Tricontane (C30)	18.252	323257	2.051 ug/ml
18) T n-Dotriacontane (C32)	19.085	331703	2.050 ug/ml
19) T n-Tetratriacontane (C34)	19.869	96852	0.636 ug/ml
21) T n-Octatriacontane (C38)	21.381	283993	2.421 ug/ml
22) T n-Tetracontane (C40)	22.389	184507	1.702 ug/ml

(f)=RT Delta > 1/2 Window

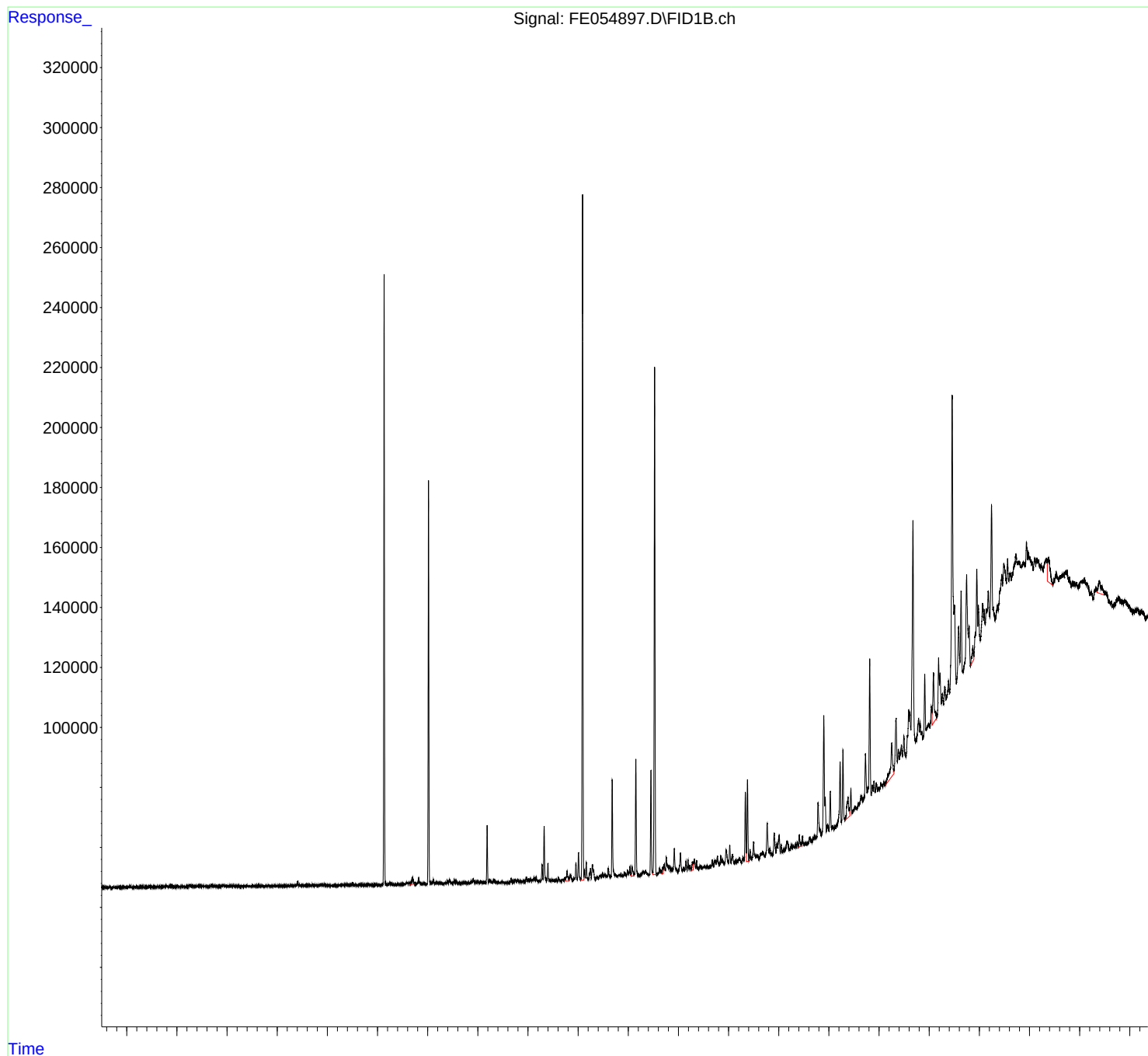
(m)=manual int.

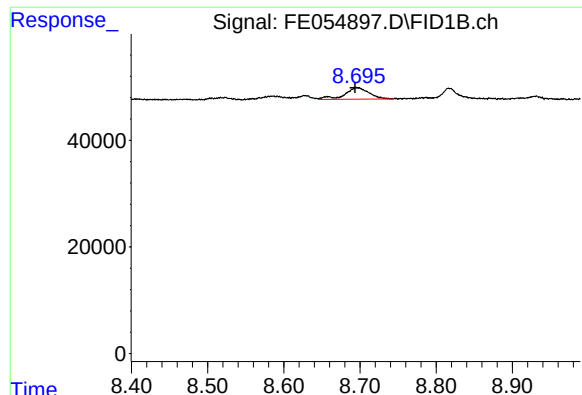
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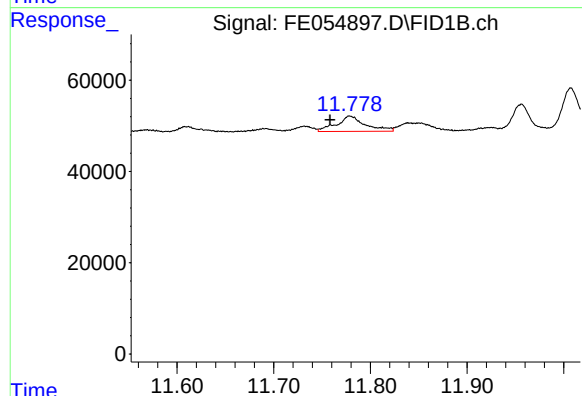




#6 n-Tetradecane (C14)

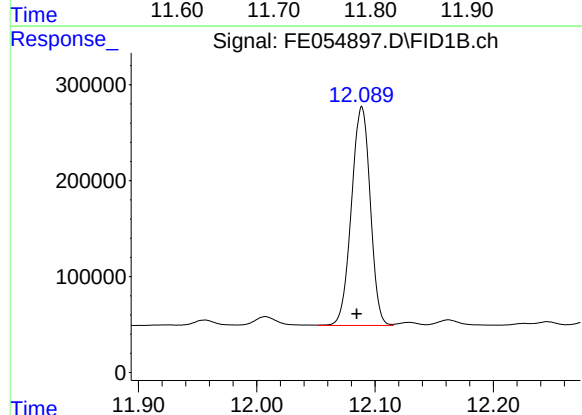
R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 48232
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-01DL



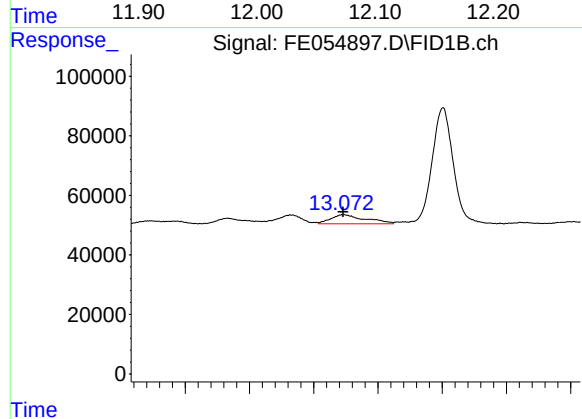
#8 n-Octadecane (C18)

R.T.: 11.779 min
Delta R.T.: 0.021 min
Response: 69644
Conc: 0.48 ug/ml



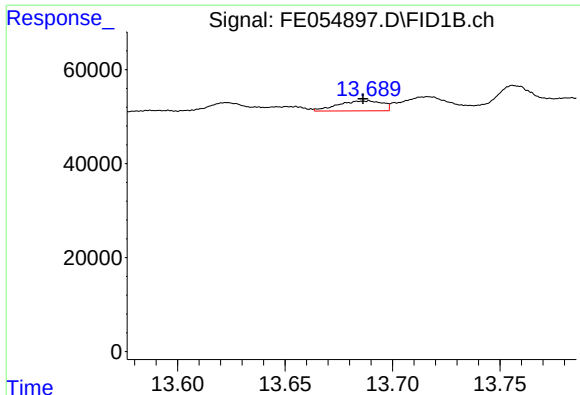
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 2522480
Conc: 15.53 ug/ml



#10 n-Eicosane (C20)

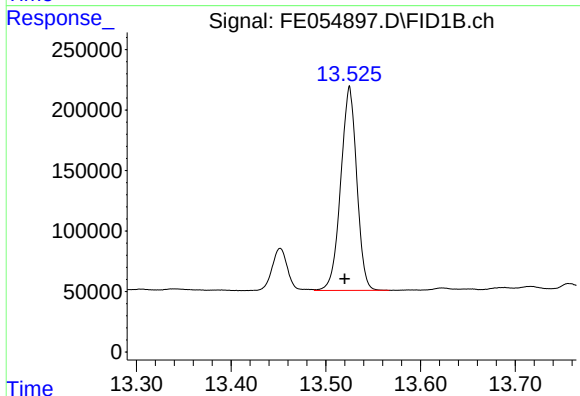
R.T.: 13.074 min
Delta R.T.: 0.000 min
Response: 57057
Conc: 0.40 ug/ml



#11 n-Heneicosane (C21)

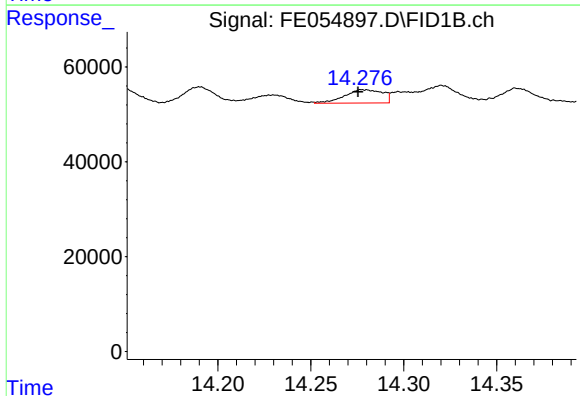
R.T.: 13.687 min
Delta R.T.: 0.001 min
Response: 30596
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-01DL



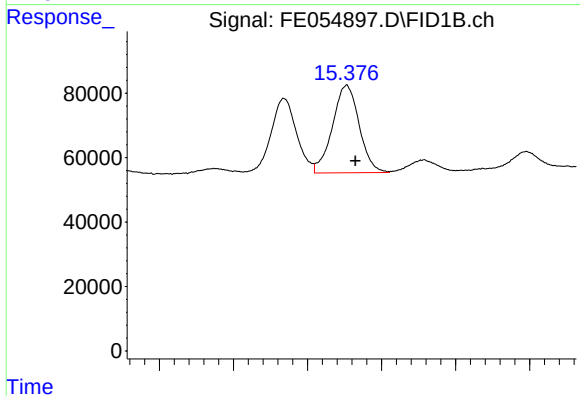
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 1982591
Conc: 15.70 ug/ml



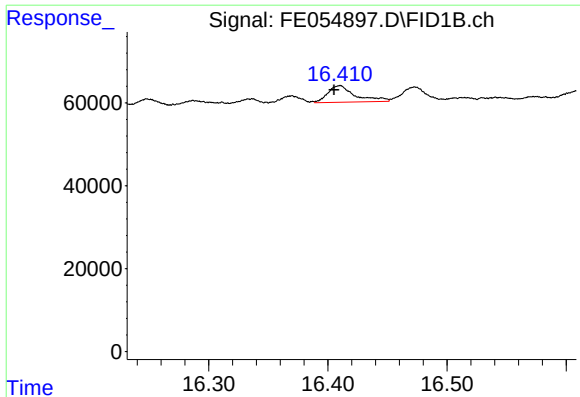
#13 n-Docosane (C22)

R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 40022
Conc: 0.28 ug/ml



#14 n-Tetracosane (C24)

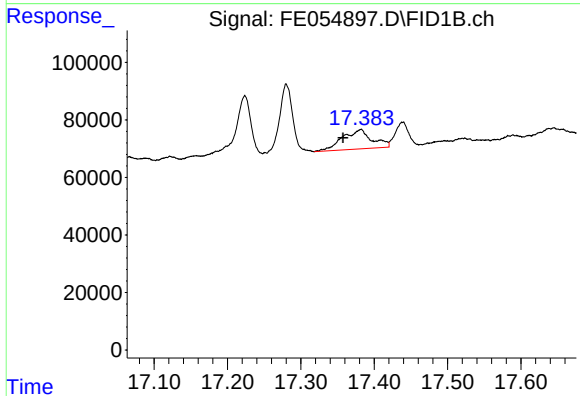
R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 341152
Conc: 2.35 ug/ml



#15 n-Hexacosane (C26)

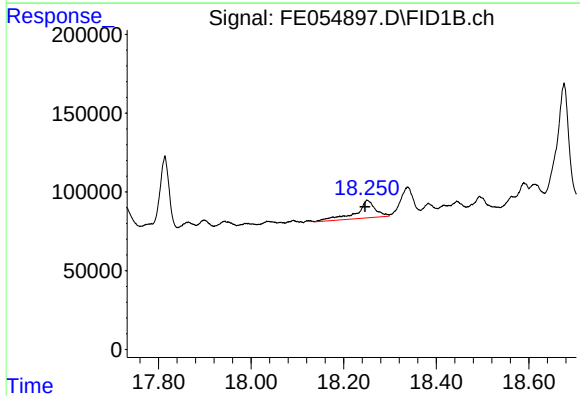
R.T.: 16.410 min
Delta R.T.: 0.004 min
Response: 64178
Conc: 0.44 ug/ml

Instrument :
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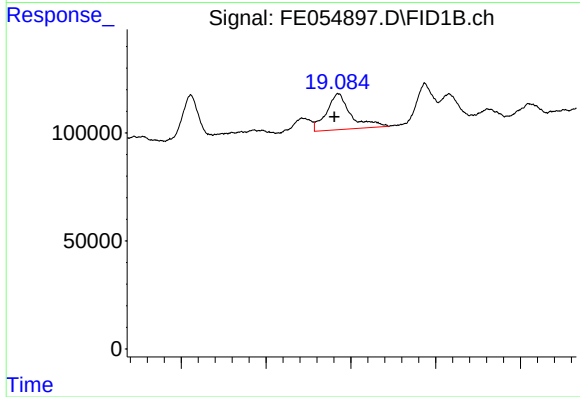
#16 n-Octacosane (C28)

R.T.: 17.381 min
Delta R.T.: 0.024 min
Response: 189414
Conc: 1.30 ug/ml



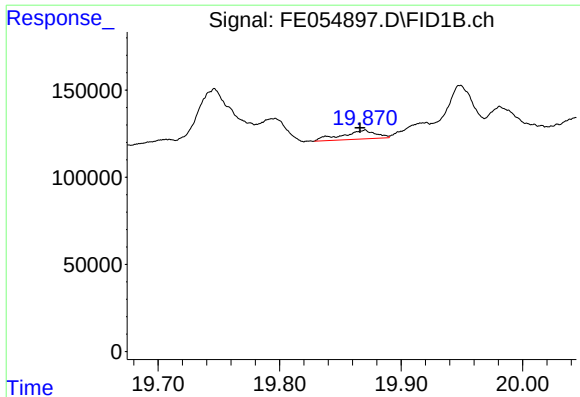
#17 n-Tricontane (C30)

R.T.: 18.252 min
Delta R.T.: 0.005 min
Response: 323257
Conc: 2.05 ug/ml



#18 n-Dotriacontane (C32)

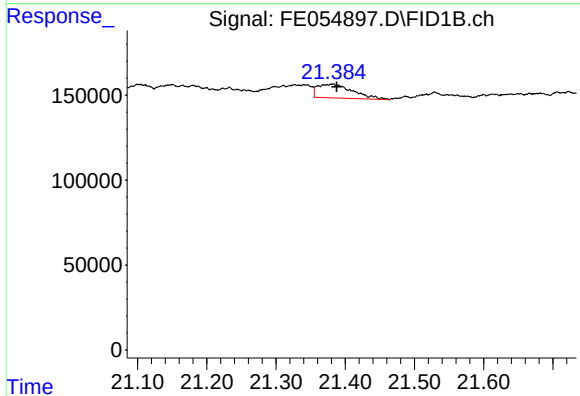
R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 331703
Conc: 2.05 ug/ml



#19 n-Tetratriacontane (C34)

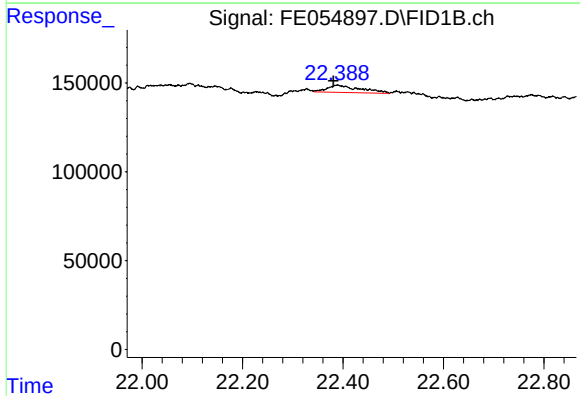
R.T.: 19.869 min
Delta R.T.: 0.003 min
Response: 96852
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-01DL



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.007 min
Response: 283993
Conc: 2.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 184507
Conc: 1.70 ug/ml