

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054896.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 11:16
 Operator : YP\AJ
 Sample : Q2612-01DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-071525DL

Integration File: autoint1.e
 Quant Time: Jul 18 06:05:19 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)	12.090	3557850	21.909 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
12) S 1-chlorooctadecane (S...	13.526	2732990	21.640 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.698	44592	0.322 ug/ml
10) T n-Eicosane (C20)	13.074	30544	0.212 ug/ml
11) T n-Heneicosane (C21)	13.713	56435	0.395 ug/ml
13) T n-Docosane (C22)	14.279	33272	0.233 ug/ml
14) T n-Tetracosane (C24)	15.379	150807	1.037 ug/ml
15) T n-Hexacosane (C26)	16.409	50000	0.346 ug/ml
16) T n-Octacosane (C28)	17.362	102394	0.703 ug/ml
17) T n-Tricontane (C30)	18.252	292525	1.856 ug/ml
18) T n-Dotriacontane (C32)	19.086	261095	1.614 ug/ml
19) T n-Tetratriacontane (C34)	19.871	175463	1.151 ug/ml
20) T n-Hexatriacontane (C36)	20.613	112508	0.837 ug/ml
21) T n-Octatriacontane (C38)	21.394	143988	1.228 ug/ml

(f)=RT Delta > 1/2 Window

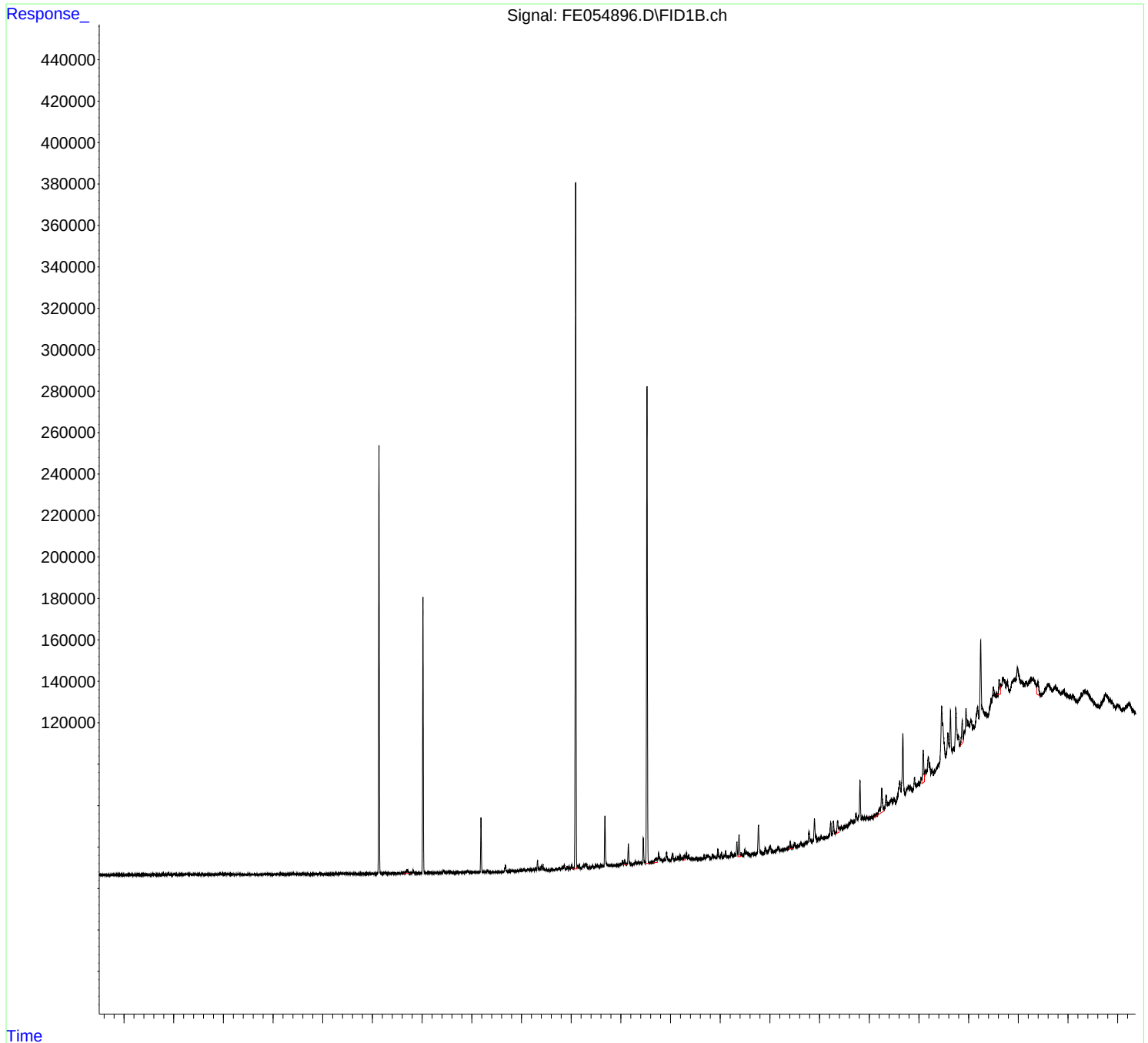
(m)=manual int.

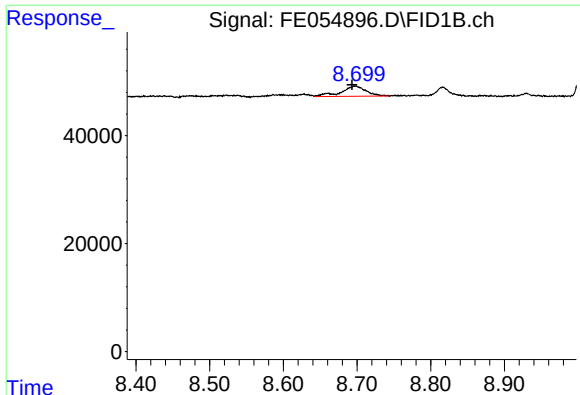
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Signal Info : 20M x 0.18mm x 0.18um

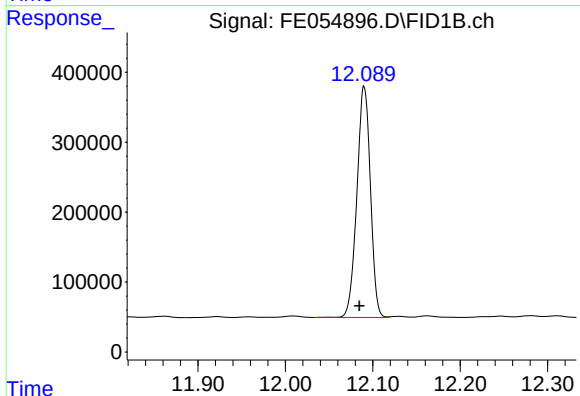




#6 n-Tetradecane (C14)

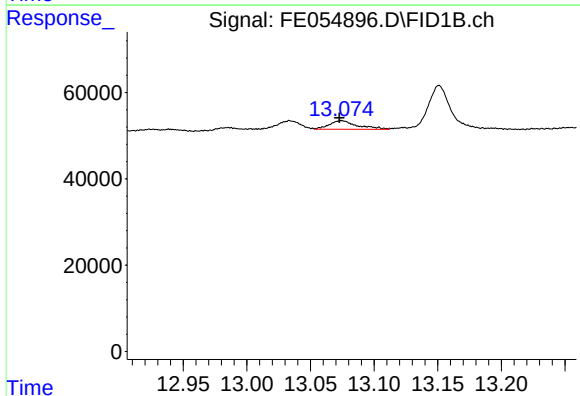
R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 44592
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525DL



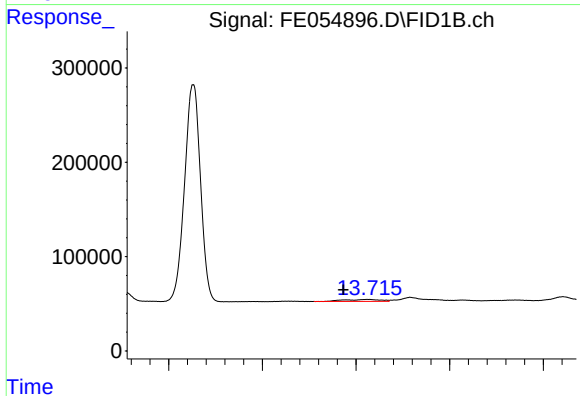
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 3557850
Conc: 21.91 ug/ml



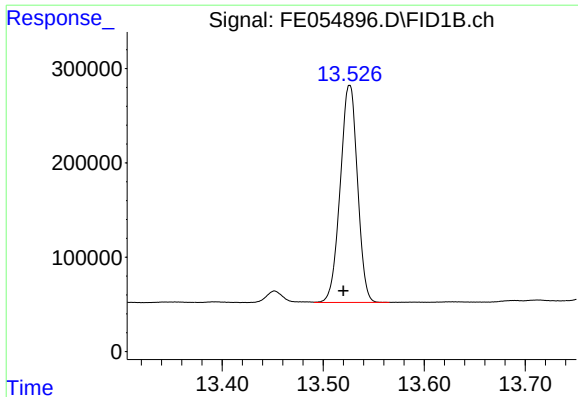
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 30544
Conc: 0.21 ug/ml



#11 n-Heneicosane (C21)

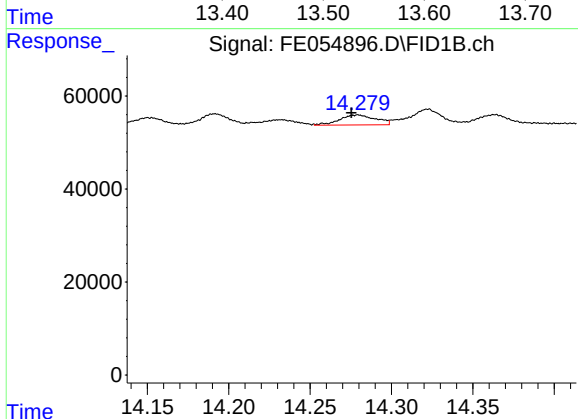
R.T.: 13.713 min
Delta R.T.: 0.026 min
Response: 56435
Conc: 0.40 ug/ml



#12 1-chlorooctadecane (SURR)

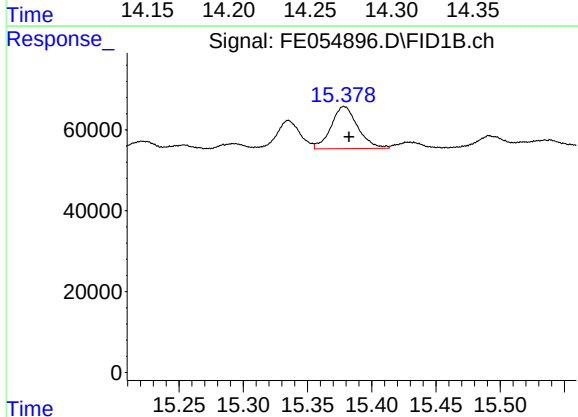
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 2732990
Conc: 21.64 ug/ml

Instrument :
FID_E
ClientSampleId :
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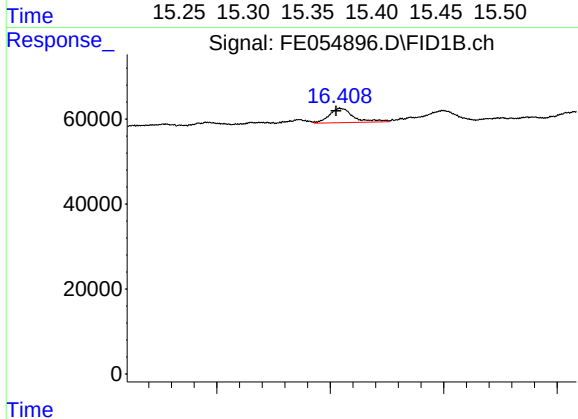
#13 n-Docosane (C22)

R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 33272
Conc: 0.23 ug/ml



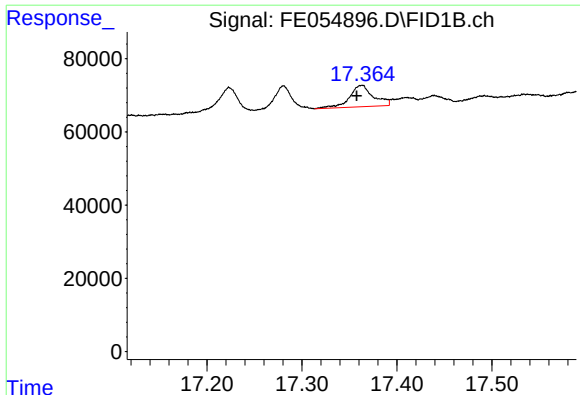
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.004 min
Response: 150807
Conc: 1.04 ug/ml



#15 n-Hexacosane (C26)

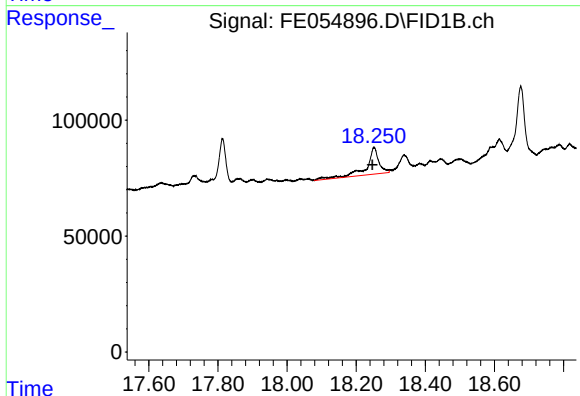
R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 50000
Conc: 0.35 ug/ml



#16 n-Octacosane (C28)

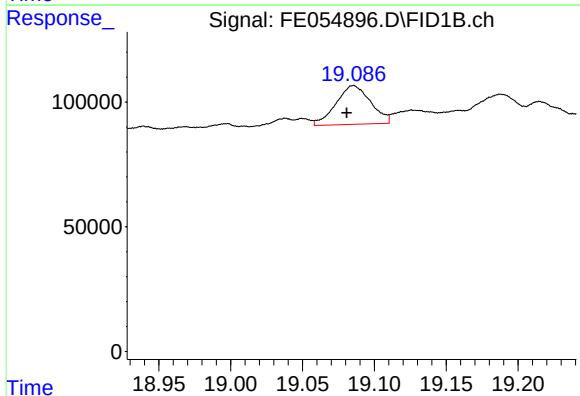
R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 102394
Conc: 0.70 ug/ml

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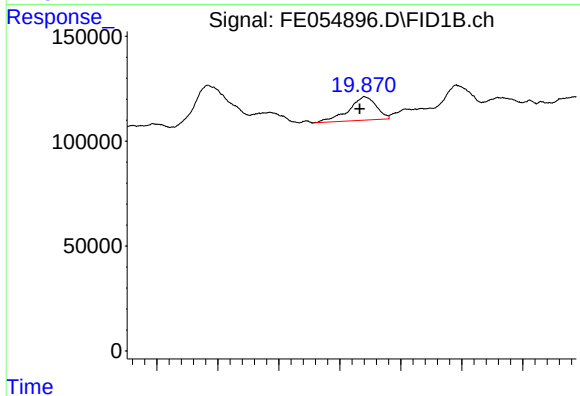
#17 n-Tricontane (C30)

R.T.: 18.252 min
Delta R.T.: 0.005 min
Response: 292525
Conc: 1.86 ug/ml



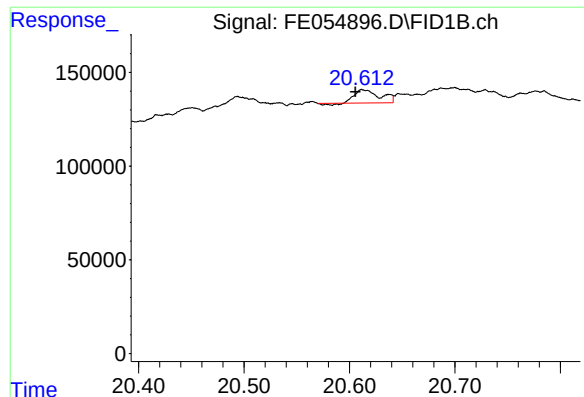
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 261095
Conc: 1.61 ug/ml



#19 n-Tetratriacontane (C34)

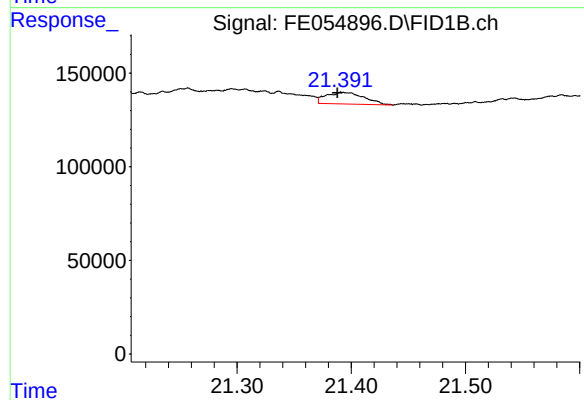
R.T.: 19.871 min
Delta R.T.: 0.004 min
Response: 175463
Conc: 1.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.008 min
Response: 112508
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :
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#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.006 min
Response: 143988
Conc: 1.23 ug/ml