

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054898.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 12:17
 Operator : YP\AJ
 Sample : Q2614-04DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-MCN-02DL

Integration File: autoint1.e
 Quant Time: Jul 18 06:05:48 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)	12.087	1257437	7.743 ug/ml
Spiked Amount 50.000		Recovery =	15.49%
12) S 1-chlorooctadecane (S...	13.524	986154	7.808 ug/ml
Spiked Amount 50.000		Recovery =	15.62%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.404	54629	0.361 ug/ml
5) T A~2-methylnaphthalene...	7.504	40405	0.275 ug/ml
6) T n-Tetradecane (C14)	8.694	46032	0.332 ug/ml
8) T n-Octadecane (C18)	11.759	10358	0.071 ug/ml
10) T n-Eicosane (C20)	13.074	40347	0.281 ug/ml
13) T n-Docosane (C22)	14.278	24468	0.171 ug/ml
14) T n-Tetracosane (C24)	15.377	166024	1.142 ug/ml
15) T n-Hexacosane (C26)	16.409	23725	0.164 ug/ml
16) T n-Octacosane (C28)	17.363	110822	0.760 ug/ml
17) T n-Tricontane (C30)	18.251	286109	1.816 ug/ml
18) T n-Dotriacontane (C32)	19.083	311649	1.926 ug/ml
19) T n-Tetratriacontane (C34)	19.873	96832	0.635 ug/ml
20) T n-Hexatriacontane (C36)	20.615	90630	0.674 ug/ml
22) T n-Tetracontane (C40)	22.389	182766	1.686 ug/ml

(f)=RT Delta > 1/2 Window

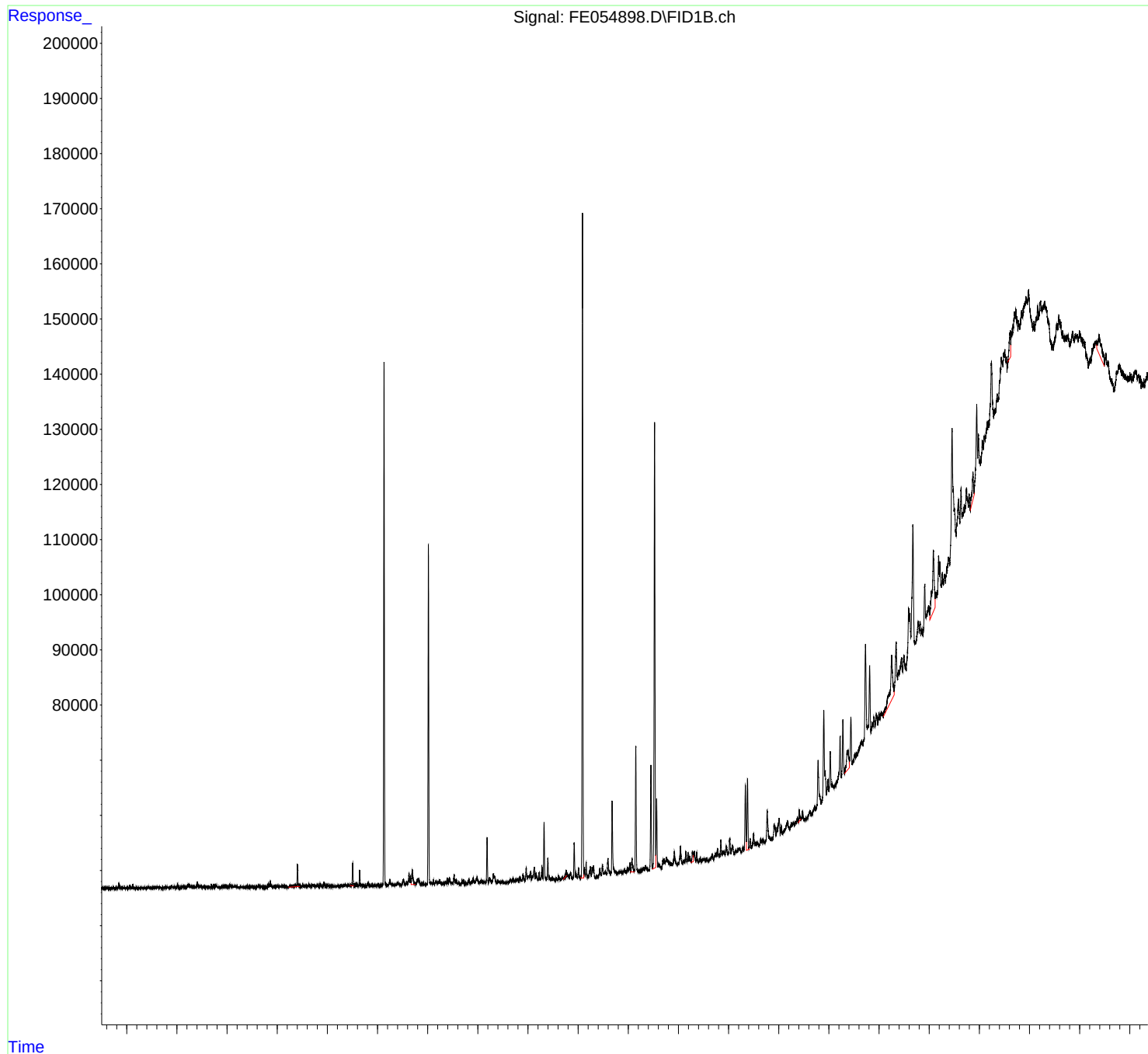
(m)=manual int.

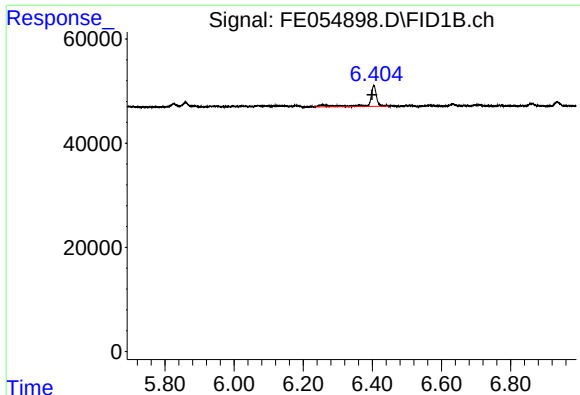
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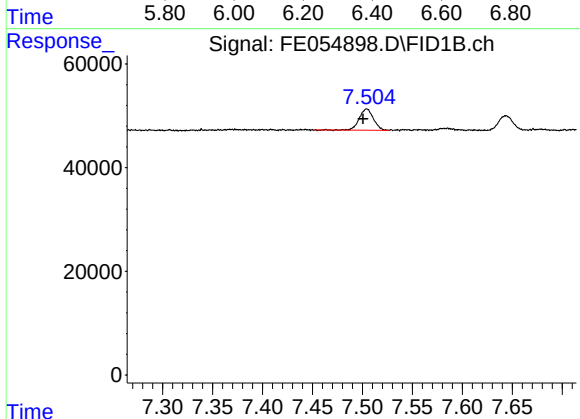




#3 A~Naphthalene (C11.7)

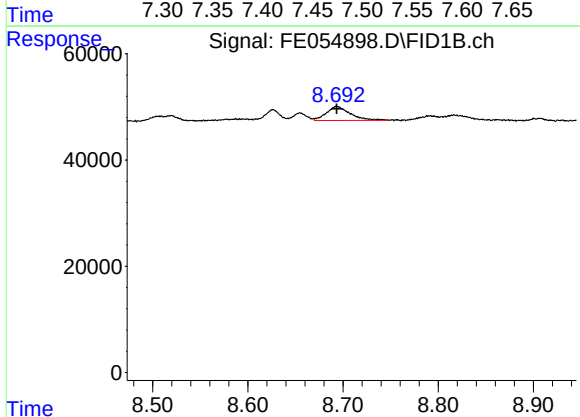
R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 54629
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-MCN-02DL



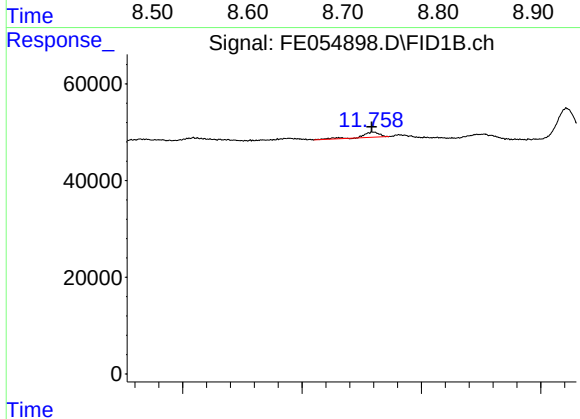
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 40405
Conc: 0.27 ug/ml



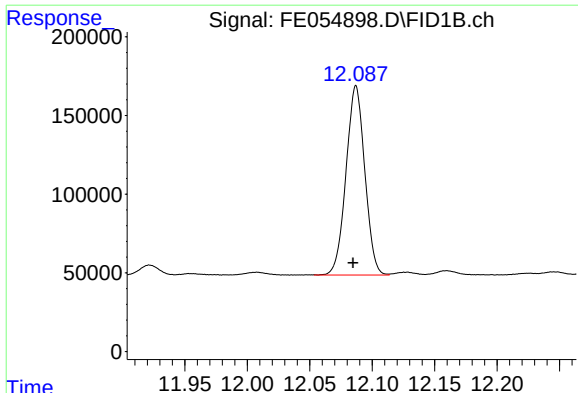
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 46032
Conc: 0.33 ug/ml



#8 n-Octadecane (C18)

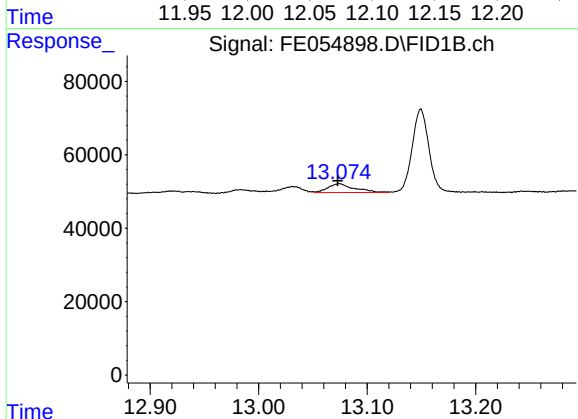
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 10358
Conc: 0.07 ug/ml



#9 ortho-Terphenyl (SURR)

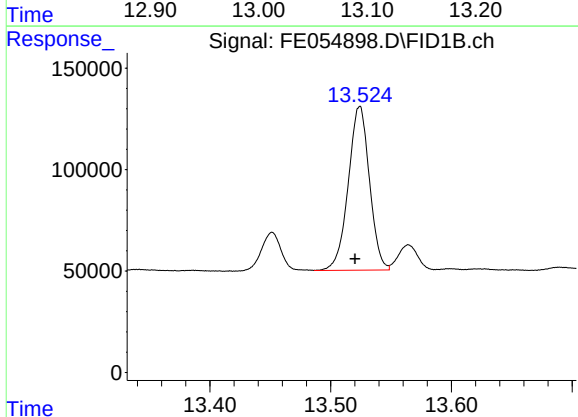
R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 1257437
Conc: 7.74 ug/ml

Instrument :
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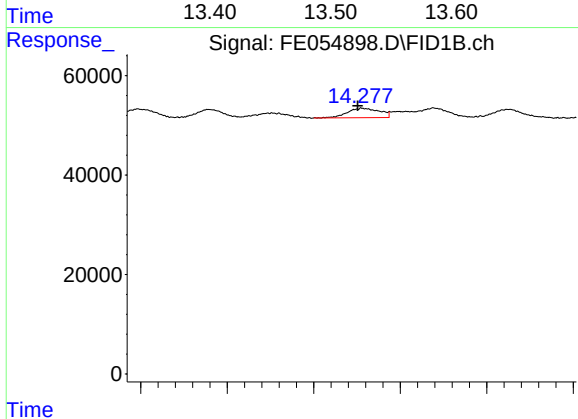
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 40347
Conc: 0.28 ug/ml



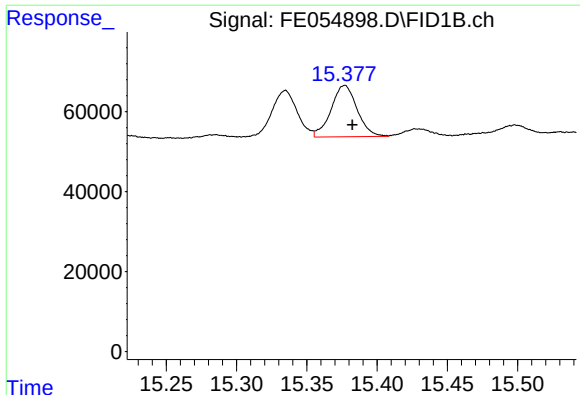
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 986154
Conc: 7.81 ug/ml



#13 n-Docosane (C22)

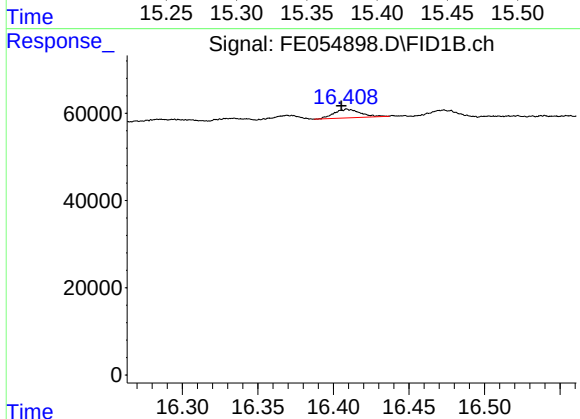
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 24468
Conc: 0.17 ug/ml



#14 n-Tetracosane (C24)

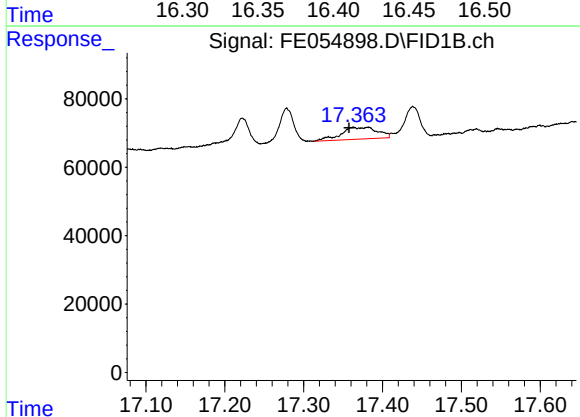
R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 166024
Conc: 1.14 ug/ml

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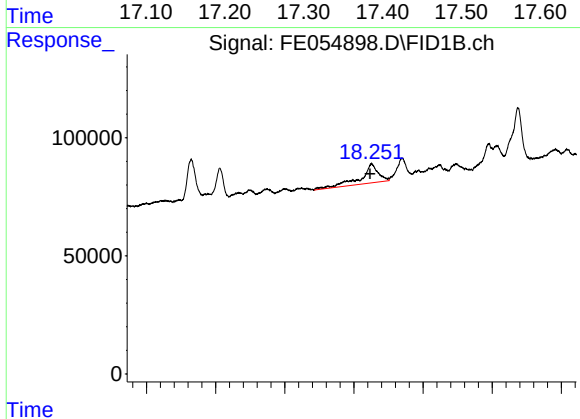
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 23725
Conc: 0.16 ug/ml



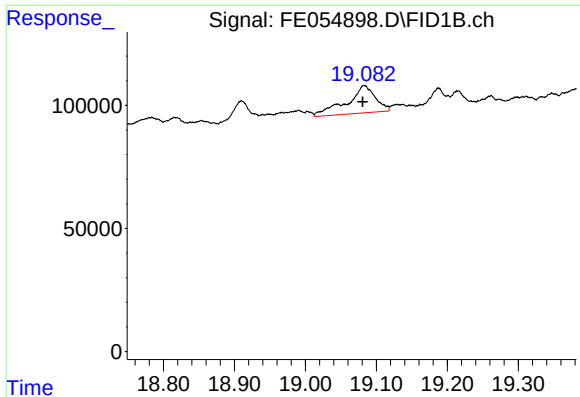
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 110822
Conc: 0.76 ug/ml



#17 n-Tricontane (C30)

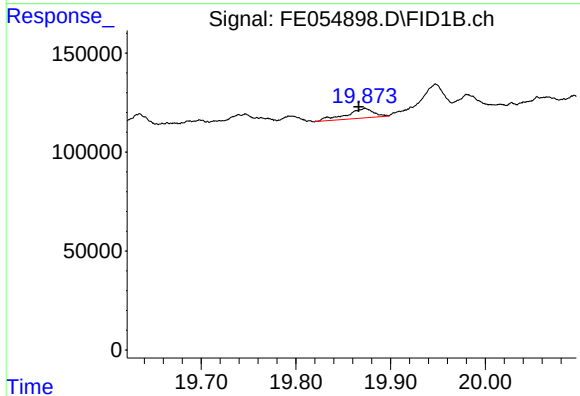
R.T.: 18.251 min
Delta R.T.: 0.005 min
Response: 286109
Conc: 1.82 ug/ml



#18 n-Dotriacontane (C32)

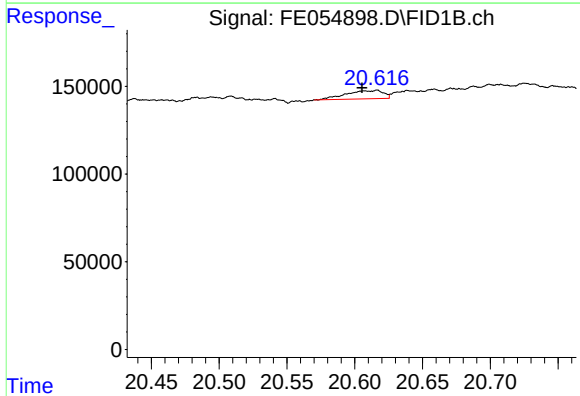
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 311649
Conc: 1.93 ug/ml

Instrument :
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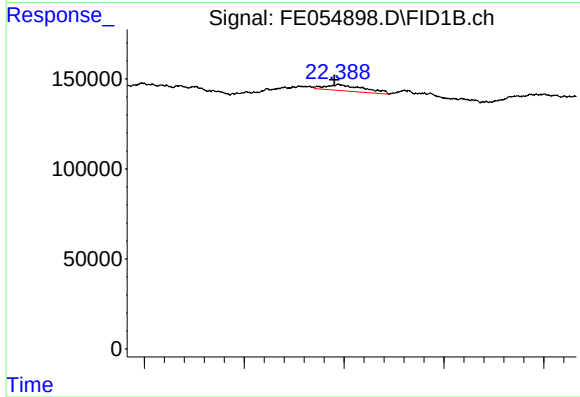
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.007 min
Response: 96832
Conc: 0.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.615 min
Delta R.T.: 0.009 min
Response: 90630
Conc: 0.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 182766
Conc: 1.69 ug/ml