

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054587.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 21:24
 Operator : YP\AJ
 Sample : Q2398-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 M00-25-0179-E2

Integration File: autoint1.e
 Quant Time: Jun 26 02:35:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	4990103	30.200 ug/ml
Spiked Amount 50.000		Recovery =	60.40%
12) S 1-chlorooctadecane (S...	13.273	3397874	27.863 ug/ml
Spiked Amount 50.000		Recovery =	55.73%
Target Compounds			
5) T A~2-methylnaphthalene...	7.275	42237	0.319 ug/ml
6) T n-Tetradecane (C14)	8.450	204665	1.581 ug/ml
7) T n-Hexadecane (C16)	10.064	31256	0.235 ug/ml
8) T n-Octadecane (C18)	11.512	31257	0.231 ug/ml
10) T n-Eicosane (C20)	12.828	371718	2.779 ug/ml
11) T n-Heneicosane (C21)	13.407	66872	0.503 ug/ml
13) T n-Docosane (C22)	14.022	277515	2.116 ug/ml
14) T n-Tetracosane (C24)	15.134	933924	7.240 ug/ml
15) T n-Hexacosane (C26)	16.175	1049462	8.360 ug/ml
16) T n-Octacosane (C28)	17.110	888884	7.248 ug/ml
17) T n-Tricontane (C30)	18.009	3363397	27.137 ug/ml
20) T n-Hexatriacontane (C36)	20.337	2790867	21.680 ug/ml
21) T n-Octatriacontane (C38)	21.125	2375618	17.991 ug/ml
22) T n-Tetracontane (C40)	21.998	27512	0.204 ug/ml

(f)=RT Delta > 1/2 Window

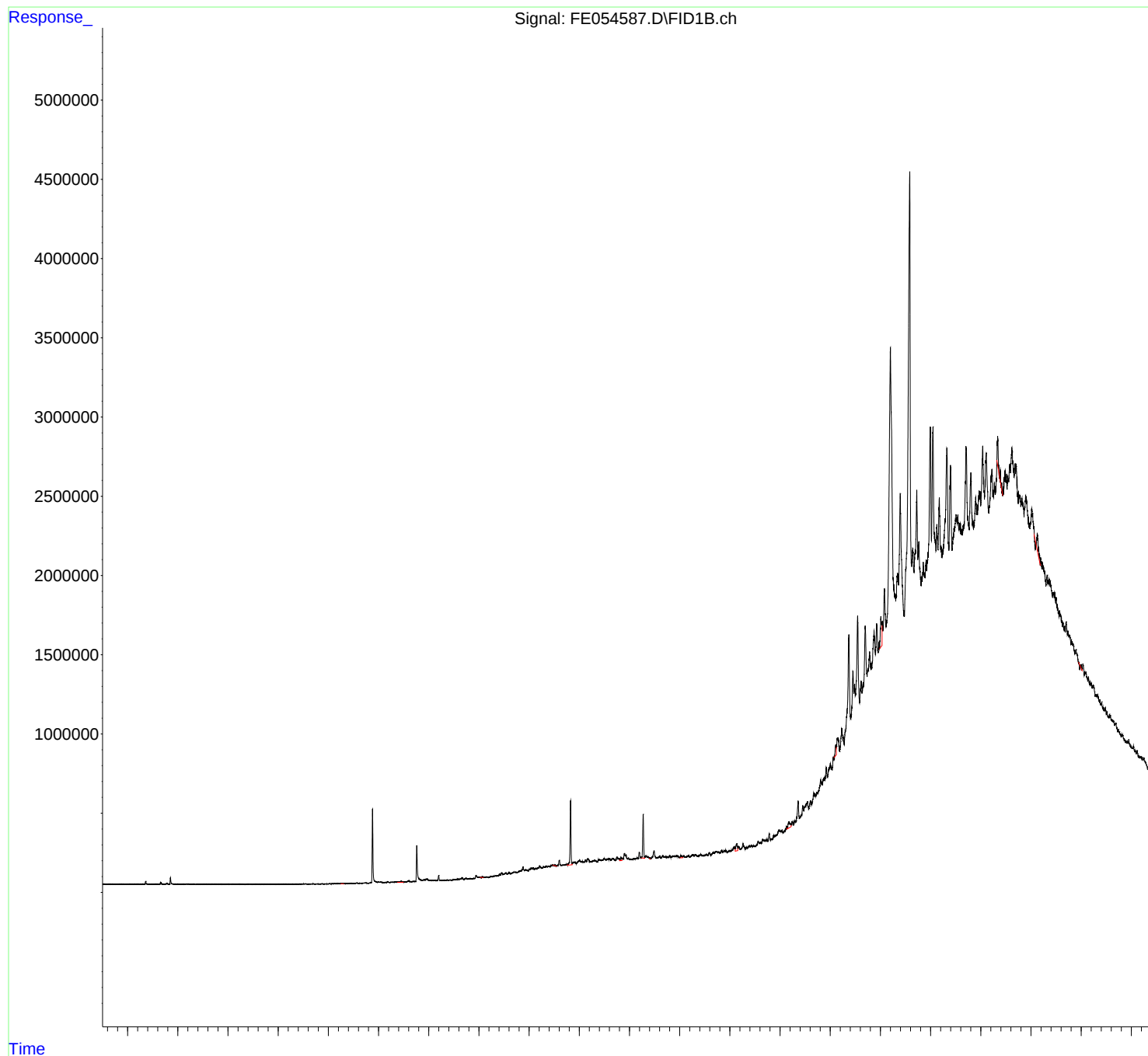
(m)=manual int.

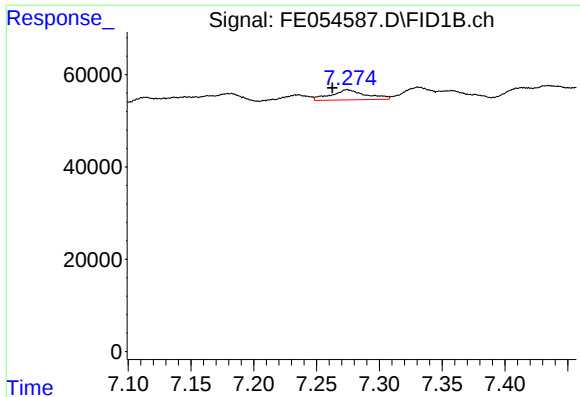
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

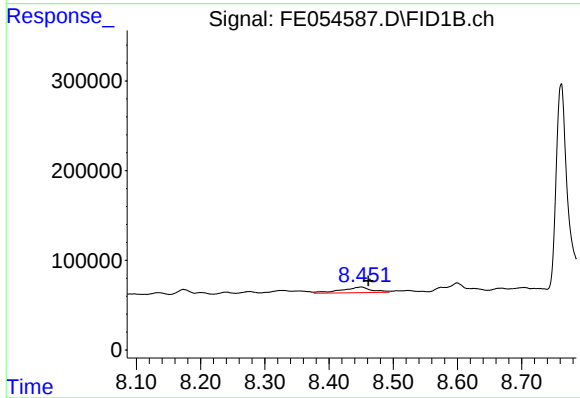




#5 A~2-methylnaphthalene (C12.89)

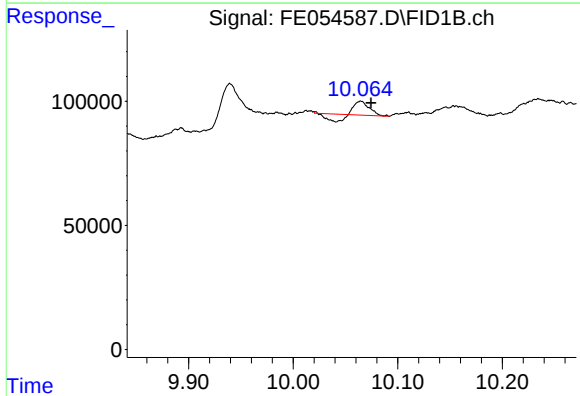
R.T.: 7.275 min
Delta R.T.: 0.012 min
Response: 42237
Conc: 0.32 ug/ml

Instrument :
FID_E
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M00-25-0179-E2



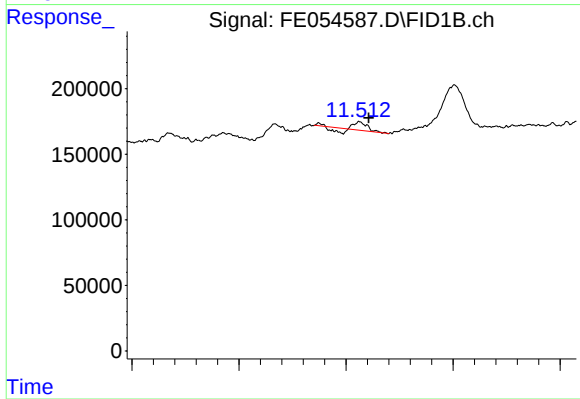
#6 n-Tetradecane (C14)

R.T.: 8.450 min
Delta R.T.: -0.012 min
Response: 204665
Conc: 1.58 ug/ml



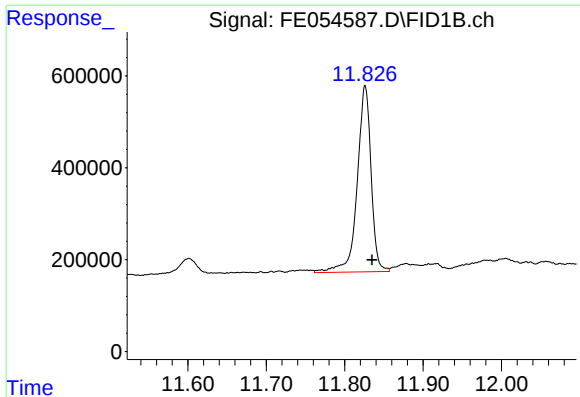
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 31256
Conc: 0.24 ug/ml



#8 n-Octadecane (C18)

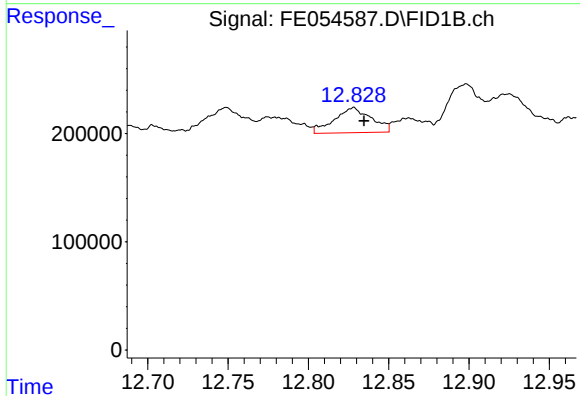
R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 31257
Conc: 0.23 ug/ml



#9 ortho-Terphenyl (SURR)

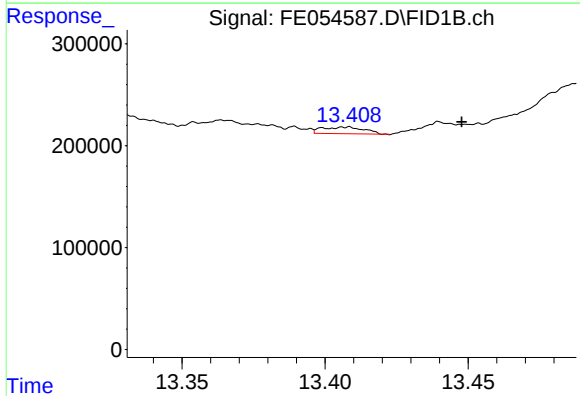
R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 4990103
Conc: 30.20 ug/ml

Instrument :
FID_E
ClientSampleId :
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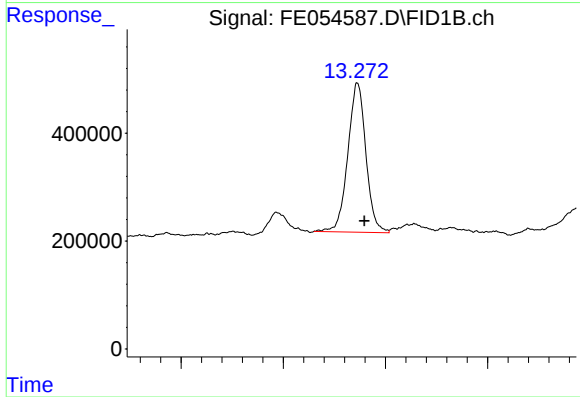
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.007 min
Response: 371718
Conc: 2.78 ug/ml



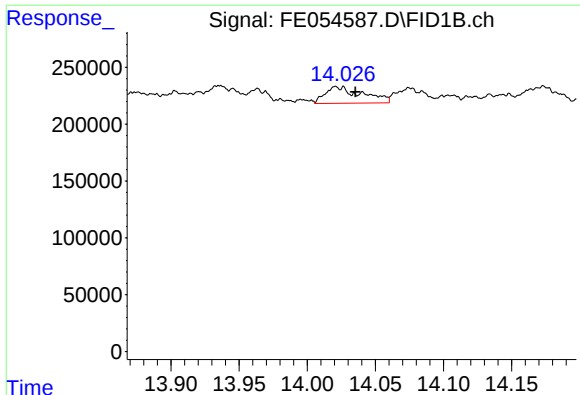
#11 n-Heneicosane (C21)

R.T.: 13.407 min
Delta R.T.: -0.041 min
Response: 66872
Conc: 0.50 ug/ml



#12 1-chlorooctadecane (SURR)

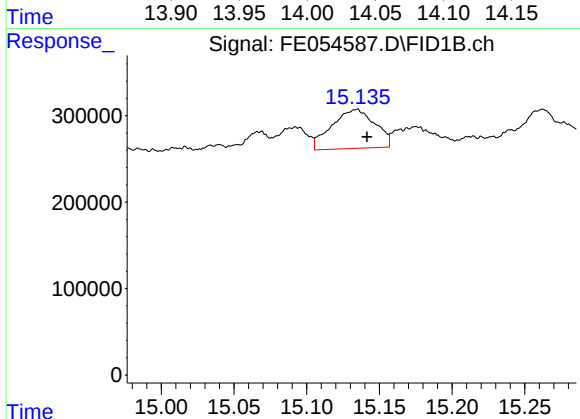
R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 3397874
Conc: 27.86 ug/ml



#13 n-Docosane (C22)

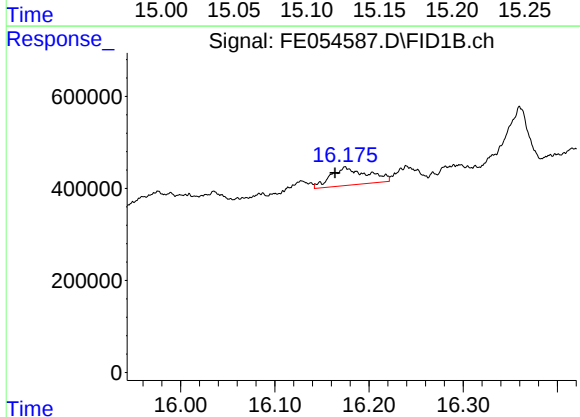
R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 277515
Conc: 2.12 ug/ml

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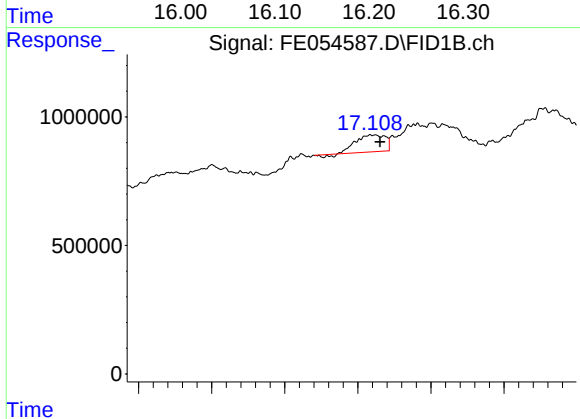
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 933924
Conc: 7.24 ug/ml



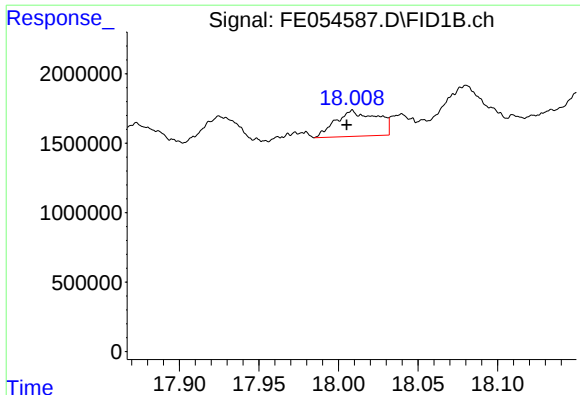
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.011 min
Response: 1049462
Conc: 8.36 ug/ml



#16 n-Octacosane (C28)

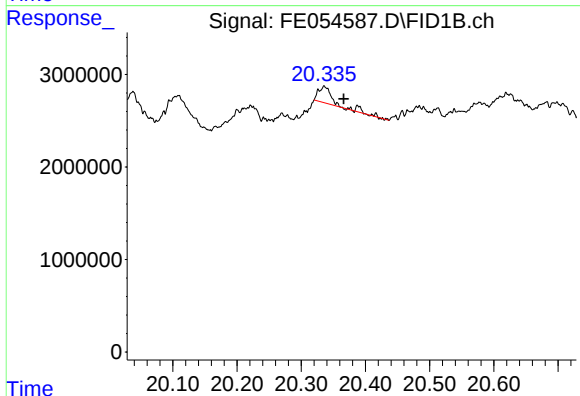
R.T.: 17.110 min
Delta R.T.: -0.005 min
Response: 888884
Conc: 7.25 ug/ml



#17 n-Tricontane (C30)

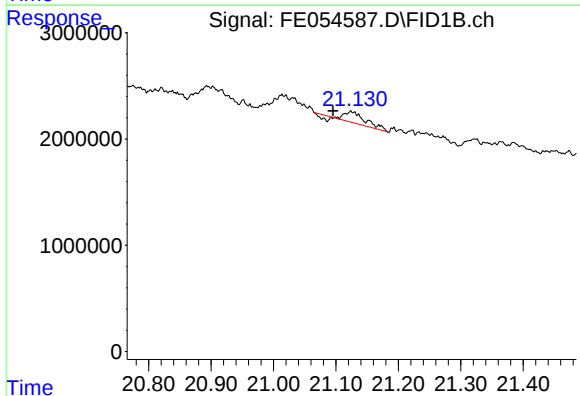
R.T.: 18.009 min
Delta R.T.: 0.004 min
Response: 3363397
Conc: 27.14 ug/ml

Instrument :
FID_E
ClientSampleId :
M00-25-0179-E2



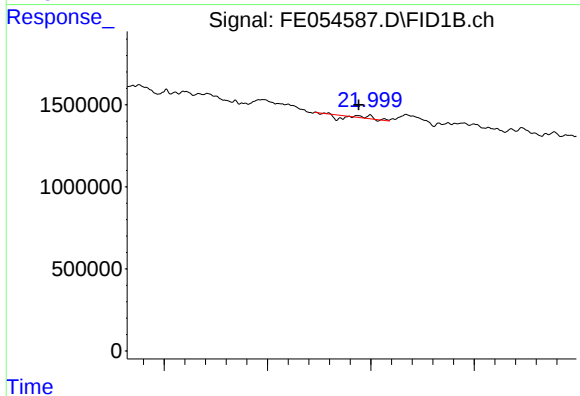
#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.030 min
Response: 2790867
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.029 min
Response: 2375618
Conc: 17.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.010 min
Response: 27512
Conc: 0.20 ug/ml