

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102225AL\
 Data File : FE056449.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2025 19:05
 Operator : YP\AJ
 Sample : Q3404-07 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0292-EPH-2

Integration File: autoint1.e
 Quant Time: Oct 23 11:05:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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	21561908	105.545 ug/ml
Spiked Amount 50.000		Recovery =	211.09%
12) S 1-chlorooctadecane (S...	13.502	1838983	12.053 ug/ml
Spiked Amount 50.000		Recovery =	24.11%
Target Compounds			
4) T n-Dodecane (C12)	6.824	248520	1.481 ug/ml
5) T A~2-methylnaphthalene...	7.472	523521	3.142 ug/ml
6) T n-Tetradecane (C14)	8.657	5105356	30.731 ug/ml
7) T n-Hexadecane (C16)	10.257	8844200	50.550 ug/ml
8) T n-Octadecane (C18)	11.711	8921555	48.908 ug/ml
10) T n-Eicosane (C20)	13.044	2267166	12.733 ug/ml
11) T n-Heneicosane (C21)	13.639	4633161	26.407 ug/ml
13) T n-Docosane (C22)	14.237	903085	5.102 ug/ml
14) T n-Tetracosane (C24)	15.372	1695687	9.320 ug/ml
15) T n-Hexacosane (C26)	16.344	429265	2.391 ug/ml
16) T n-Octacosane (C28)	17.328	302266	1.699 ug/ml
17) T n-Tricontane (C30)	18.160f	273719	1.508 ug/ml

(f)=RT Delta > 1/2 Window

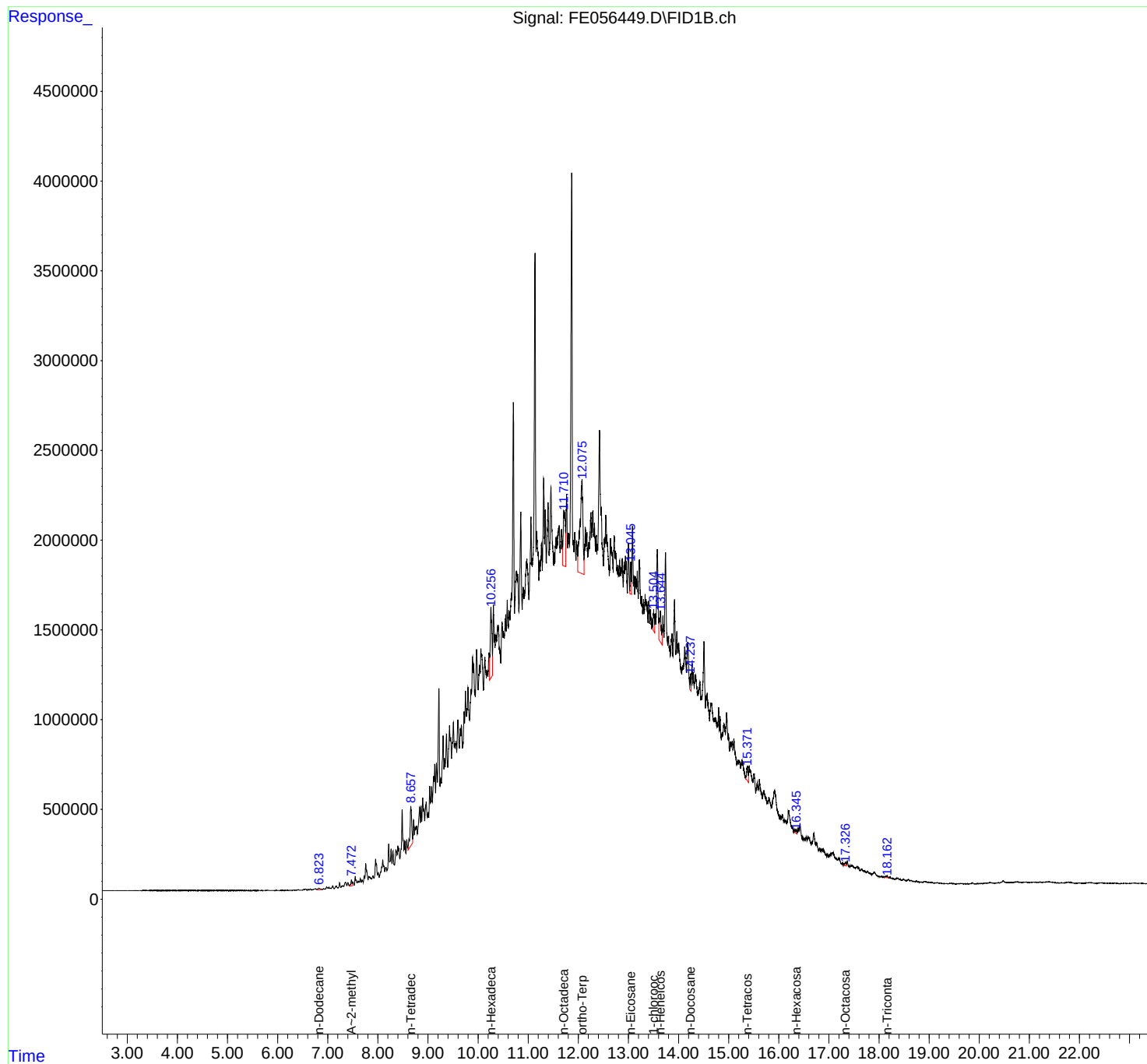
(m)=manual int.

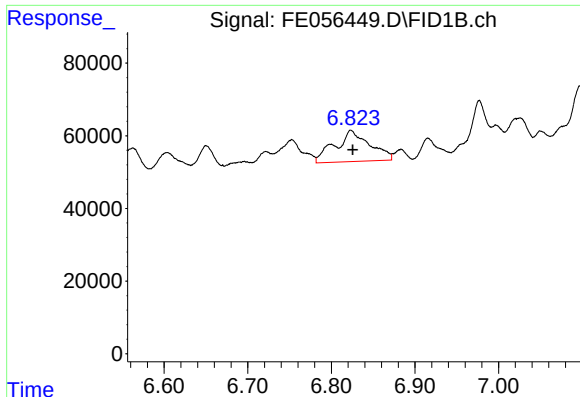
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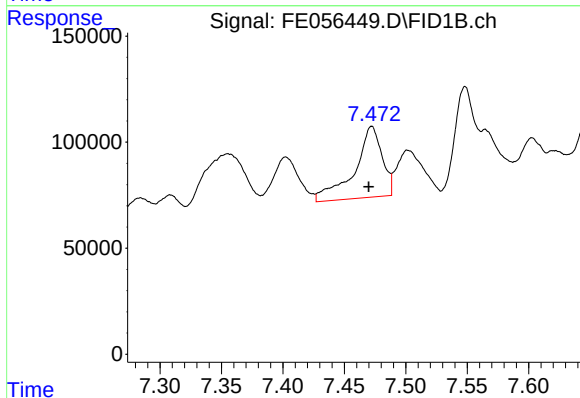




#4 n-Dodecane (C12)

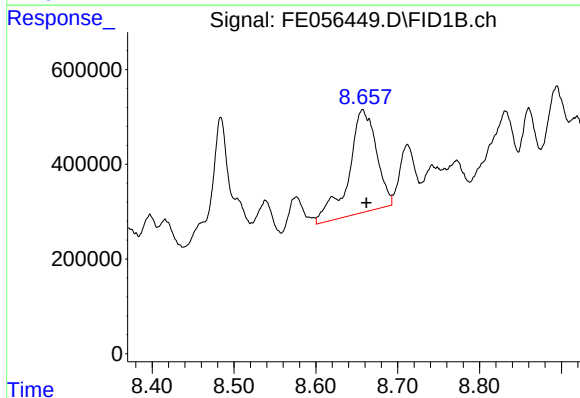
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 248520
Conc: 1.48 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0292-EPH-2



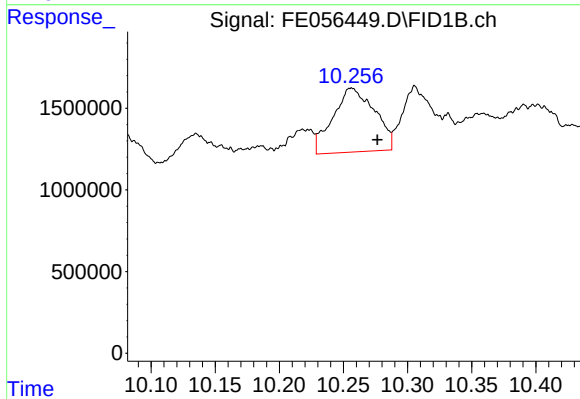
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 523521
Conc: 3.14 ug/ml



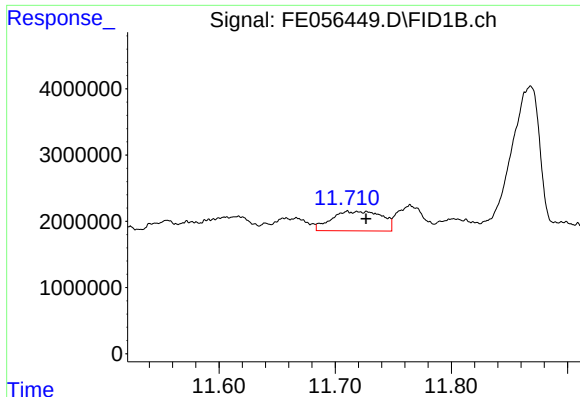
#6 n-Tetradecane (C14)

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 5105356
Conc: 30.73 ug/ml



#7 n-Hexadecane (C16)

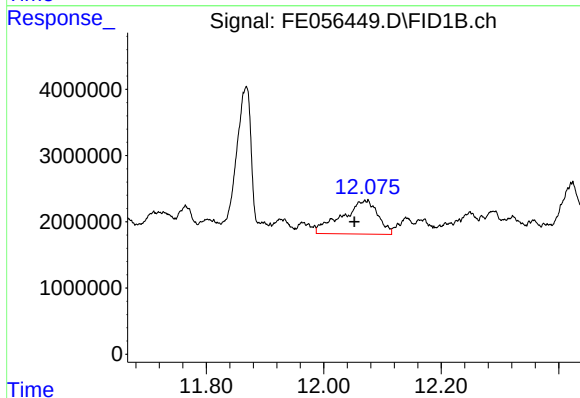
R.T.: 10.257 min
Delta R.T.: -0.020 min
Response: 8844200
Conc: 50.55 ug/ml



#8 n-Octadecane (C18)

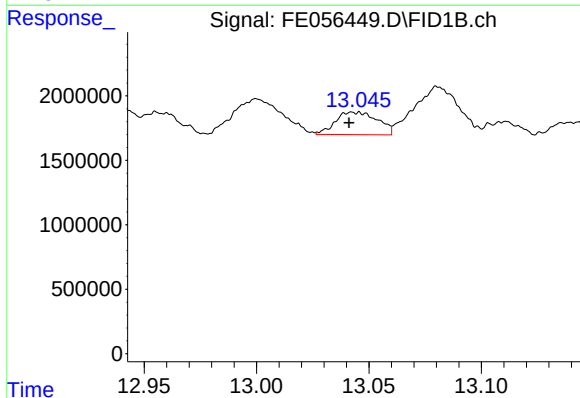
R.T.: 11.711 min
Delta R.T.: -0.016 min
Response: 8921555
Conc: 48.91 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0292-EPH-2



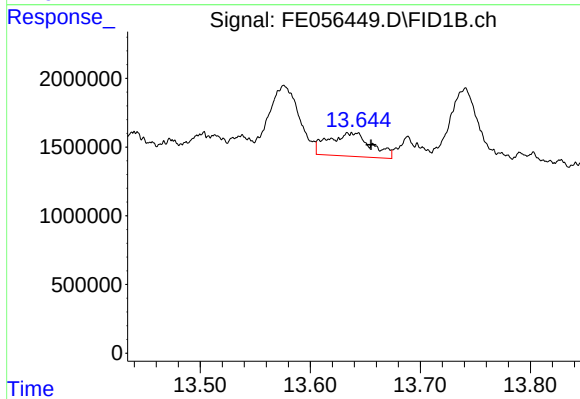
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: 0.020 min
Response: 21561908
Conc: 105.54 ug/ml



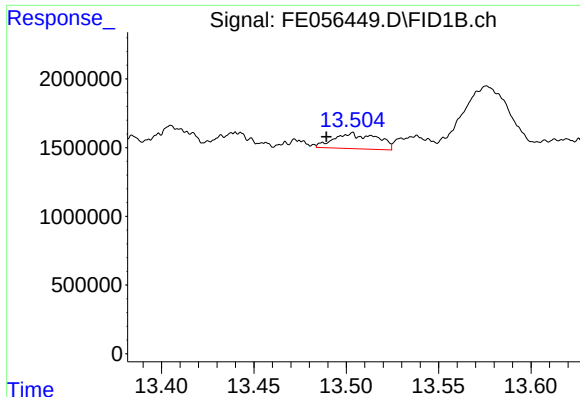
#10 n-Eicosane (C20)

R.T.: 13.044 min
Delta R.T.: 0.003 min
Response: 2267166
Conc: 12.73 ug/ml



#11 n-Heneicosane (C21)

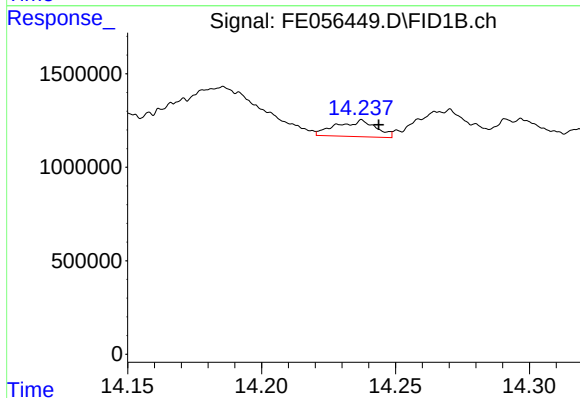
R.T.: 13.639 min
Delta R.T.: -0.017 min
Response: 4633161
Conc: 26.41 ug/ml



#12 1-chlorooctadecane (SURR)

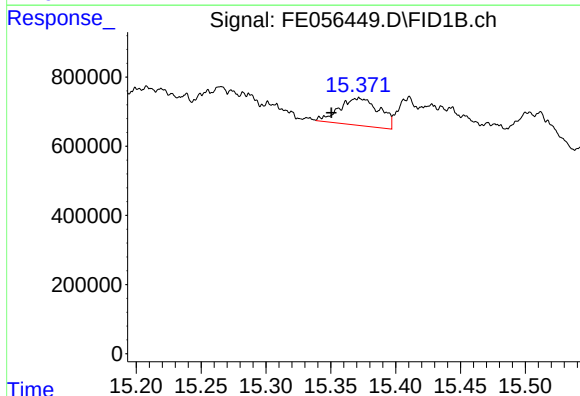
R.T.: 13.502 min
Delta R.T.: 0.013 min
Response: 1838983
Conc: 12.05 ug/ml

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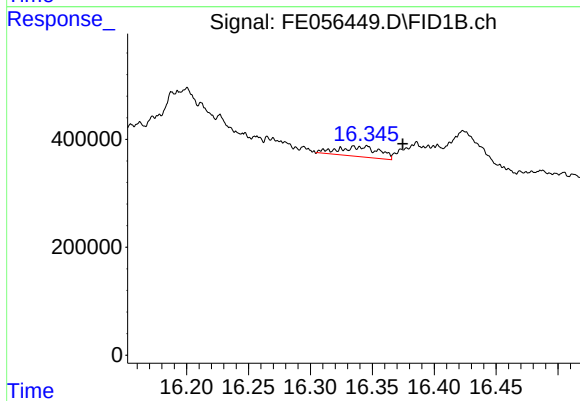
#13 n-Docosane (C22)

R.T.: 14.237 min
Delta R.T.: -0.007 min
Response: 903085
Conc: 5.10 ug/ml



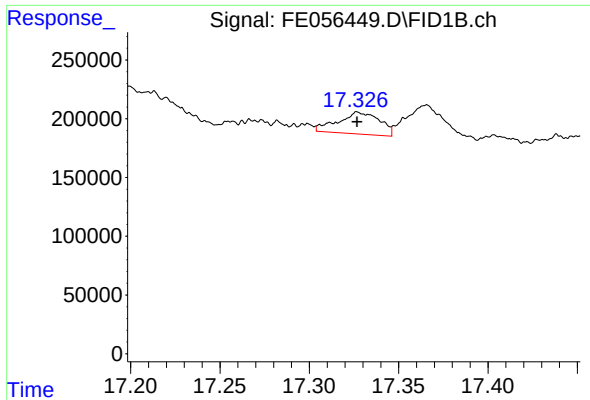
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.021 min
Response: 1695687
Conc: 9.32 ug/ml



#15 n-Hexacosane (C26)

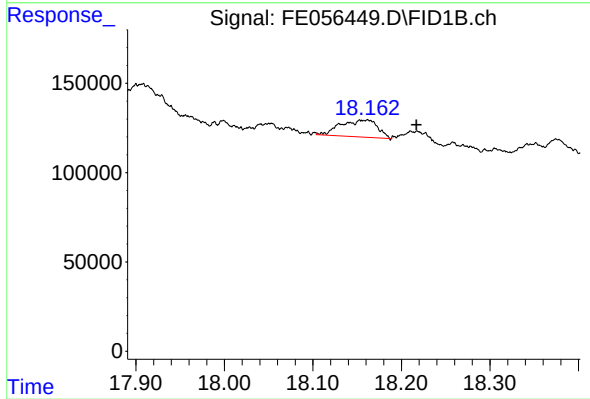
R.T.: 16.344 min
Delta R.T.: -0.031 min
Response: 429265
Conc: 2.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.328 min
Delta R.T.: 0.002 min
Response: 302266
Conc: 1.70 ug/ml

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#17 n-Tricontane (C30)

R.T.: 18.160 min
Delta R.T.: -0.056 min
Response: 273719
Conc: 1.51 ug/ml