

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054837.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 11:22
 Operator : YP\AJ
 Sample : Q2564-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0030DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:29:37 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)	12.085	714860	4.402 ug/ml
Spiked Amount 50.000		Recovery =	8.80%
12) S 1-chlorooctadecane (S...	13.521	452927	3.586 ug/ml
Spiked Amount 50.000		Recovery =	7.17%
Target Compounds			
7) T n-Hexadecane (C16)	10.335	27107	0.190 ug/ml
8) T n-Octadecane (C18)	11.750	126237	0.861 ug/ml
10) T n-Eicosane (C20)	13.073	46426	0.323 ug/ml
13) T n-Docosane (C22)	14.340f	33078	0.232 ug/ml
16) T n-Octacosane (C28)	17.357	31802	0.218 ug/ml
17) T n-Tricontane (C30)	18.247	46925	0.298 ug/ml
18) T n-Dotriacontane (C32)	19.082	42117	0.260 ug/ml
19) T n-Tetratriacontane (C34)	19.865	21390	0.140 ug/ml
20) T n-Hexatriacontane (C36)	20.607	42930	0.319 ug/ml
21) T n-Octatriacontane (C38)	21.389	75310	0.642 ug/ml

(f)=RT Delta > 1/2 Window

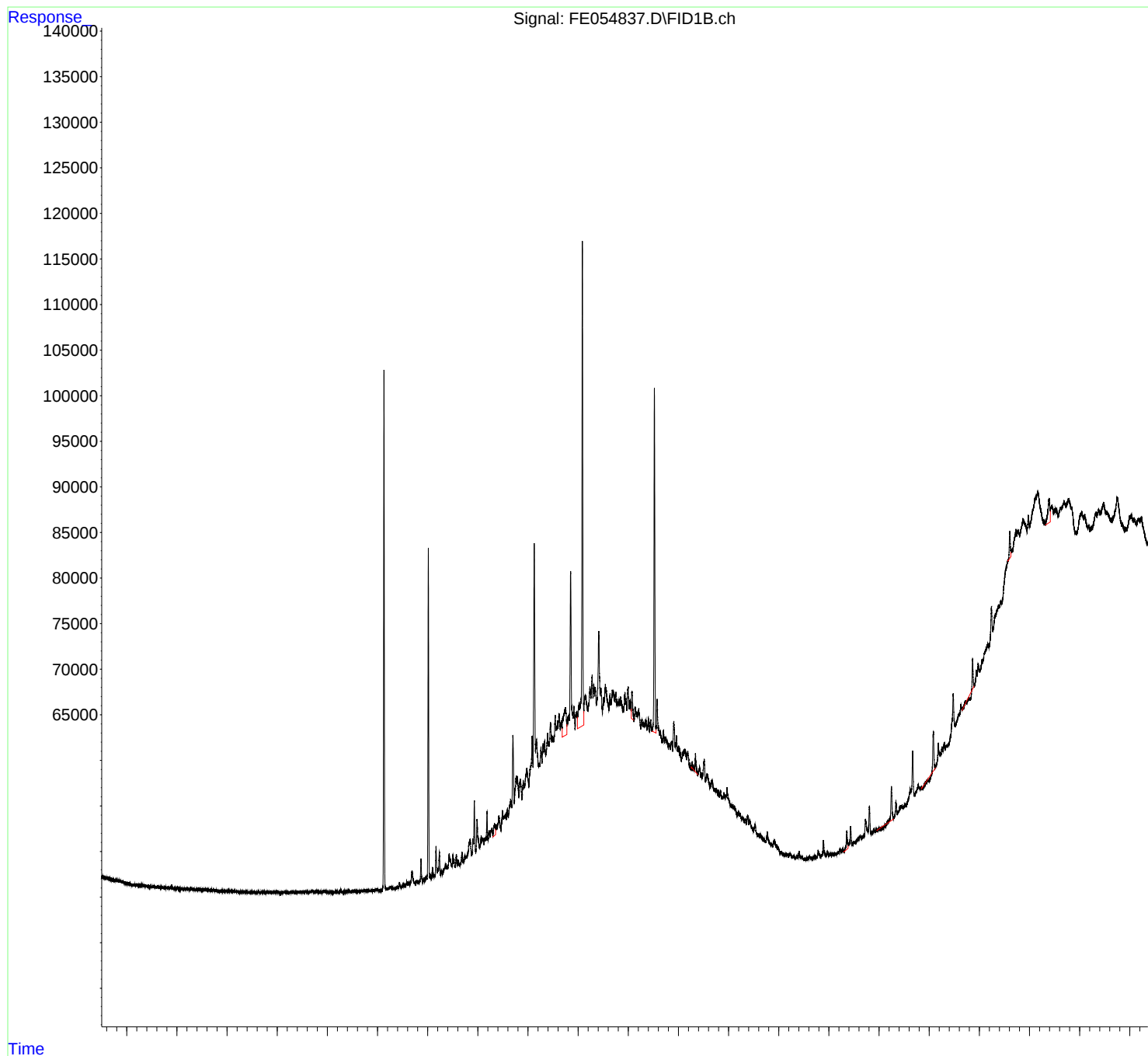
(m)=manual int.

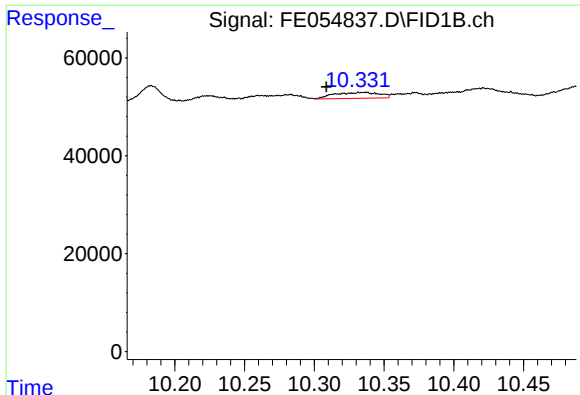
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

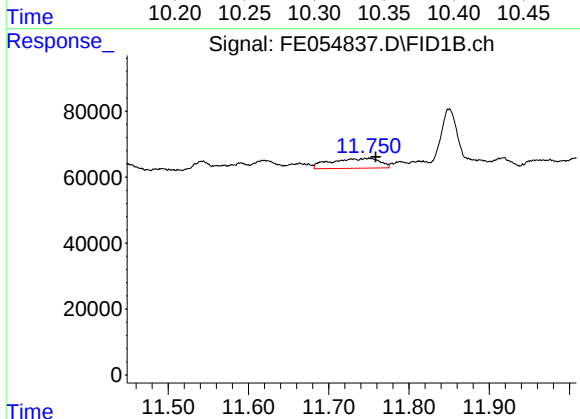




#7 n-Hexadecane (C16)

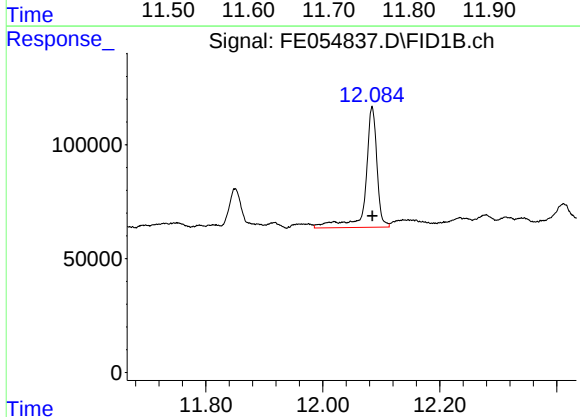
R.T.: 10.335 min
Delta R.T.: 0.026 min
Response: 27107
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030DL



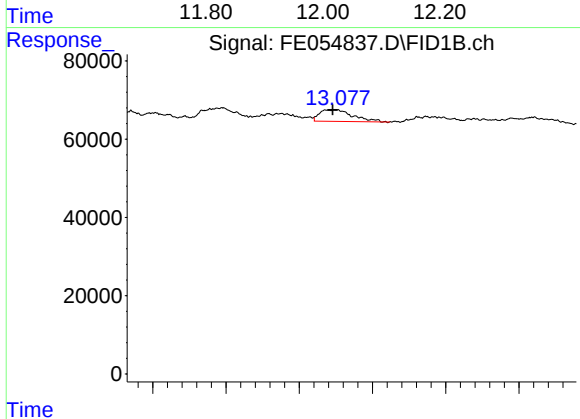
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: -0.008 min
Response: 126237
Conc: 0.86 ug/ml



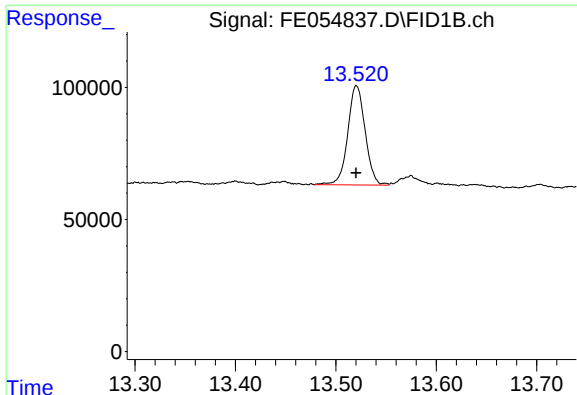
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 714860
Conc: 4.40 ug/ml



#10 n-Eicosane (C20)

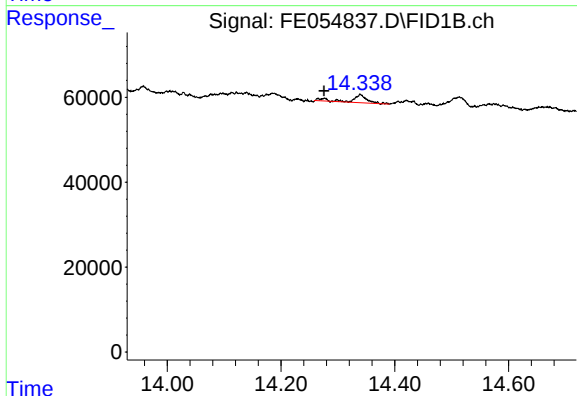
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 46426
Conc: 0.32 ug/ml



#12 1-chlorooctadecane (SURR)

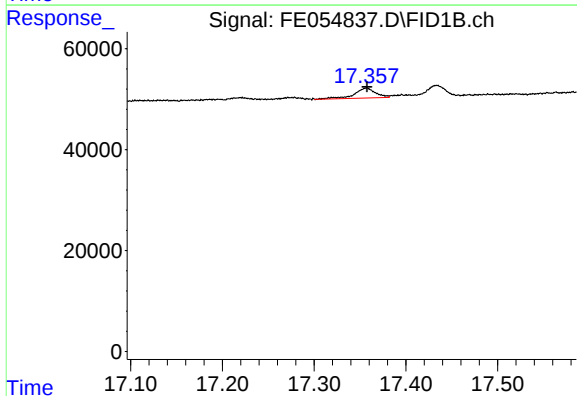
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 452927
Conc: 3.59 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030DL



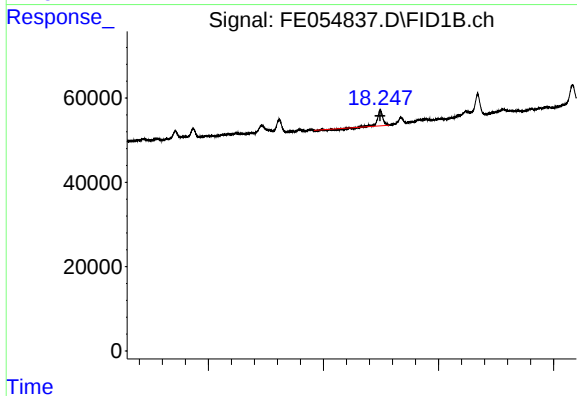
#13 n-Docosane (C22)

R.T.: 14.340 min
Delta R.T.: 0.064 min
Response: 33078
Conc: 0.23 ug/ml



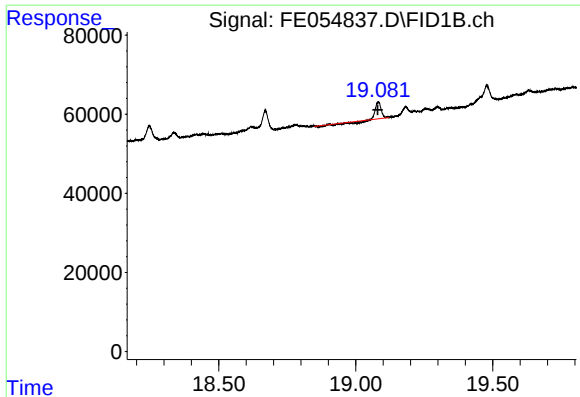
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 31802
Conc: 0.22 ug/ml



#17 n-Tricontane (C30)

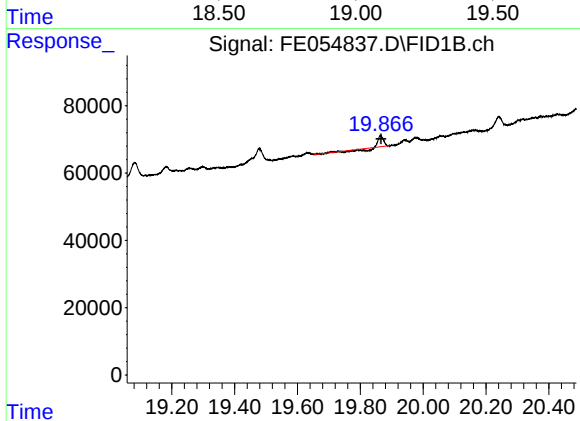
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 46925
Conc: 0.30 ug/ml



#18 n-Dotriacontane (C32)

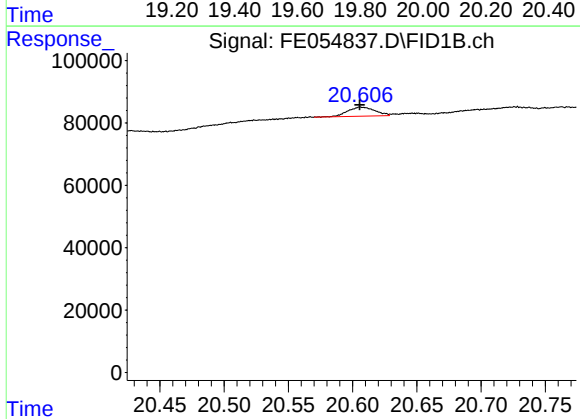
R.T.: 19.082 min
Delta R.T.: 0.002 min
Response: 42117
Conc: 0.26 ug/ml

Instrument :
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ClientSampleId :
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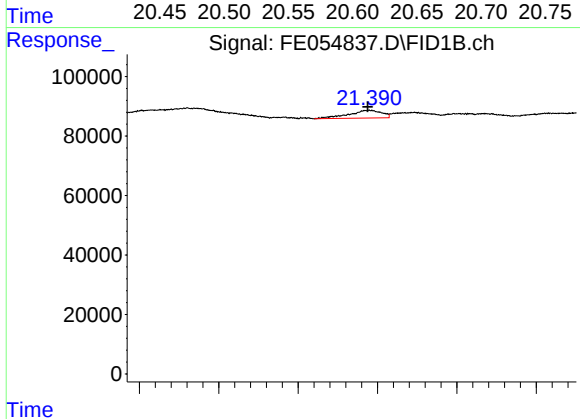
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 21390
Conc: 0.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.002 min
Response: 42930
Conc: 0.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 75310
Conc: 0.64 ug/ml