

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054840.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 12:54
 Operator : YP\AJ
 Sample : Q2564-05DL 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0039DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:30:21 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	689114	4.243 ug/ml
Spiked Amount 50.000		Recovery =	8.49%
12) S 1-chlorooctadecane (S...	13.521	331953	2.628 ug/ml
Spiked Amount 50.000		Recovery =	5.26%
Target Compounds			
6) T n-Tetradecane (C14)	8.688	51435	0.371 ug/ml
7) T n-Hexadecane (C16)	10.327	62401	0.438 ug/ml
8) T n-Octadecane (C18)	11.747	373477	2.548 ug/ml
10) T n-Eicosane (C20)	13.075	129789	0.903 ug/ml
11) T n-Heneicosane (C21)	13.752f	203907	1.428 ug/ml
14) T n-Tetracosane (C24)	15.372	60189	0.414 ug/ml
16) T n-Octacosane (C28)	17.356	31940	0.219 ug/ml
17) T n-Tricontane (C30)	18.245	59105	0.375 ug/ml
18) T n-Dotriacontane (C32)	19.080	74535	0.461 ug/ml
19) T n-Tetratriacontane (C34)	19.865	63774	0.418 ug/ml
20) T n-Hexatriacontane (C36)	20.607	27208	0.202 ug/ml

(f)=RT Delta > 1/2 Window

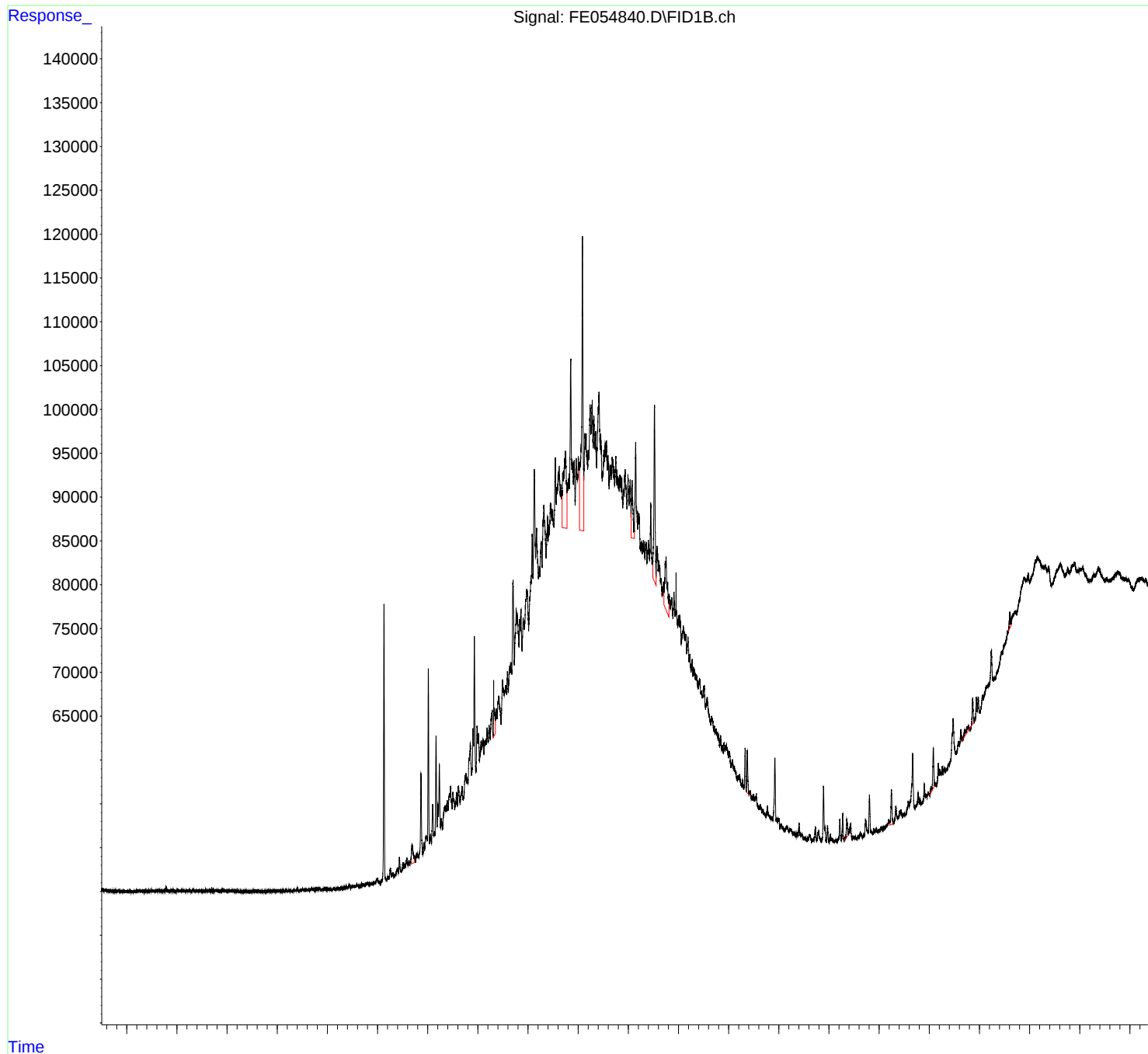
(m)=manual int.

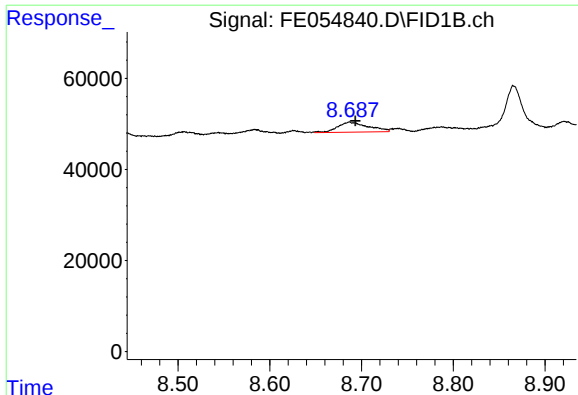
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

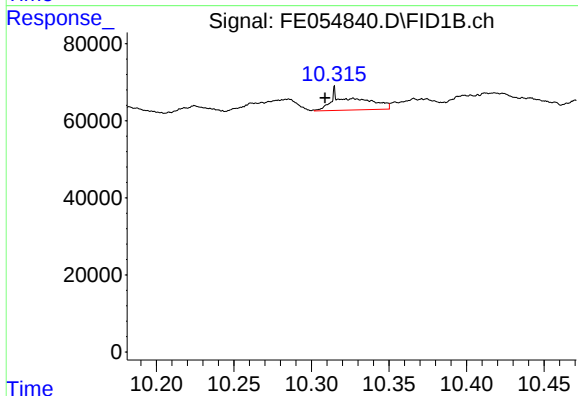




#6 n-Tetradecane (C14)

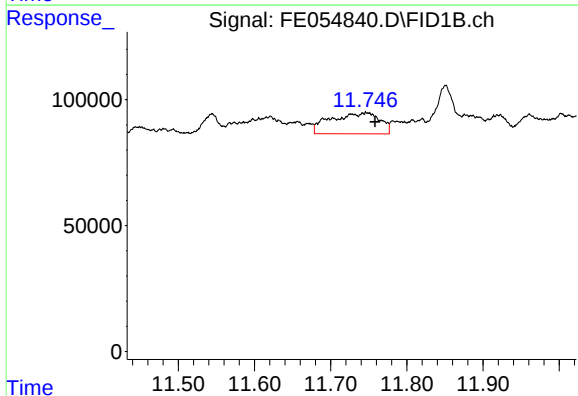
R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 51435
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0039DL



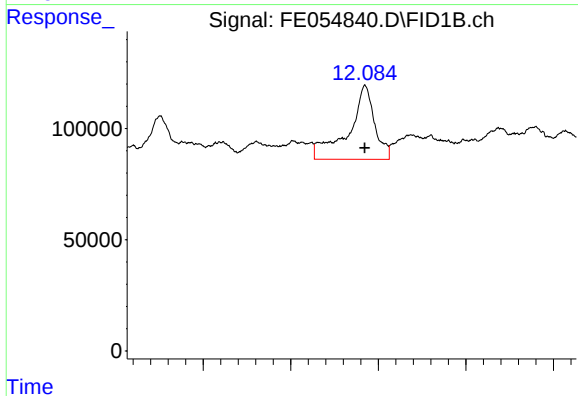
#7 n-Hexadecane (C16)

R.T.: 10.327 min
Delta R.T.: 0.018 min
Response: 62401
Conc: 0.44 ug/ml



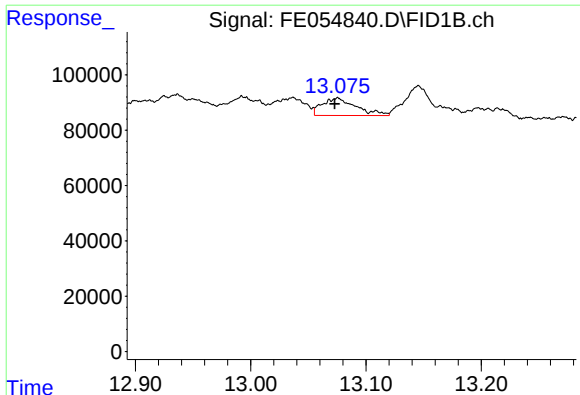
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.012 min
Response: 373477
Conc: 2.55 ug/ml



#9 ortho-Terphenyl (SURR)

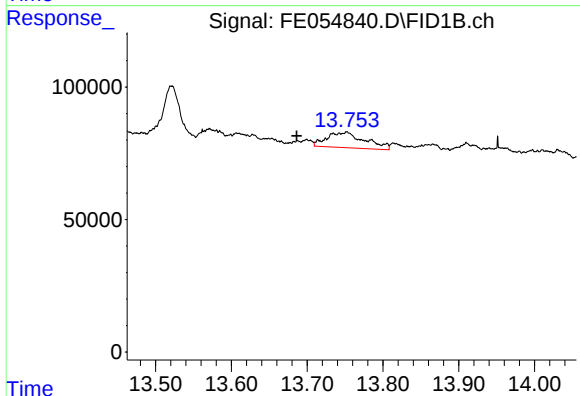
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 689114
Conc: 4.24 ug/ml



#10 n-Eicosane (C20)

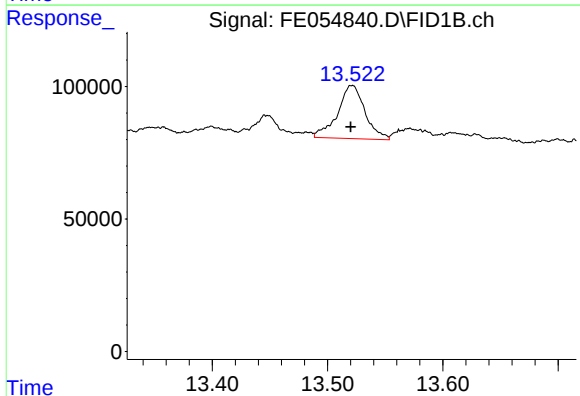
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 129789
Conc: 0.90 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0039DL



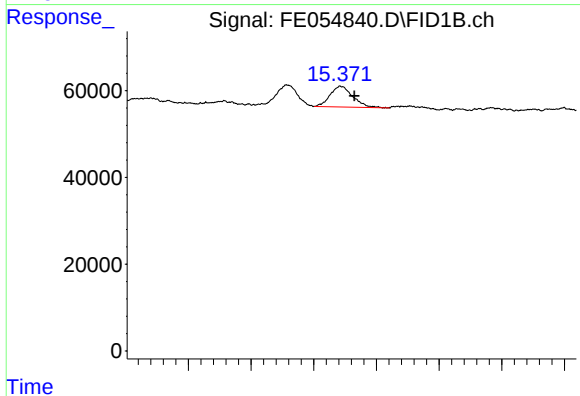
#11 n-Heneicosane (C21)

R.T.: 13.752 min
Delta R.T.: 0.066 min
Response: 203907
Conc: 1.43 ug/ml



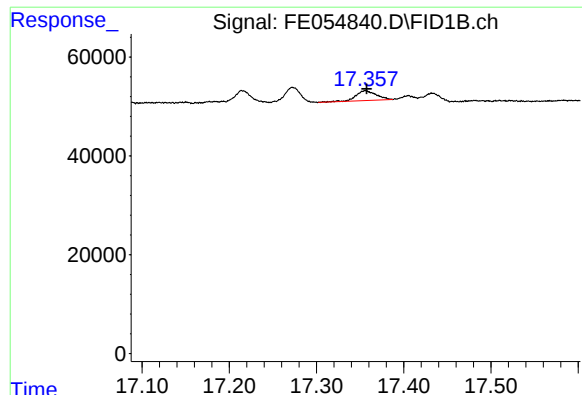
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 331953
Conc: 2.63 ug/ml



#14 n-Tetracosane (C24)

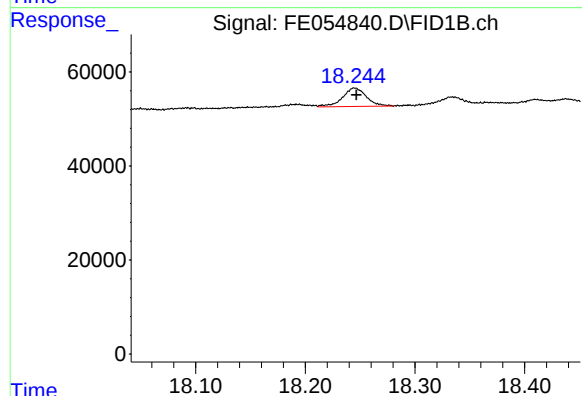
R.T.: 15.372 min
Delta R.T.: -0.011 min
Response: 60189
Conc: 0.41 ug/ml



#16 n-Octacosane (C28)

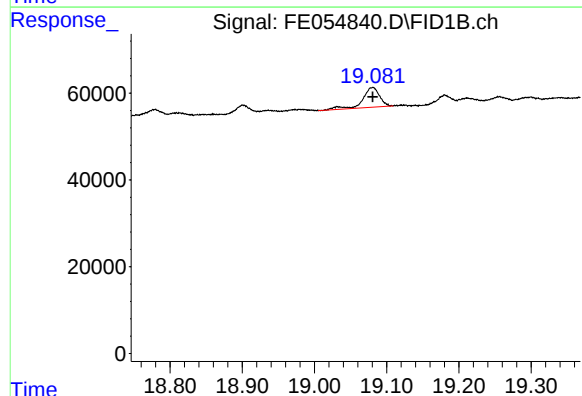
R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 31940
Conc: 0.22 ug/ml

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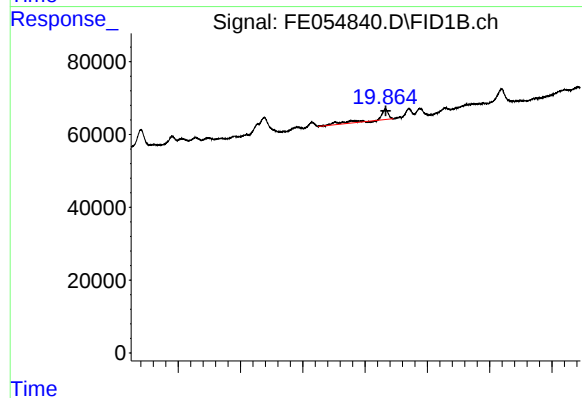
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 59105
Conc: 0.38 ug/ml



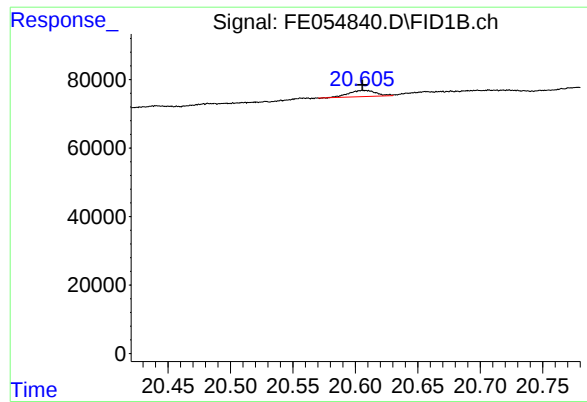
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 74535
Conc: 0.46 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.000 min
Response: 63774
Conc: 0.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.002 min
Response: 27208
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0039DL