

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054815.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 17:20
 Operator : YP\AJ
 Sample : Q2564-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0030-E2

Integration File: autoint1.e
 Quant Time: Jul 12 02:10:37 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)	12.082	4082559	25.140 ug/ml
Spiked Amount 50.000		Recovery =	50.28%
12) S 1-chlorooctadecane (S...	13.517	3063361	24.256 ug/ml
Spiked Amount 50.000		Recovery =	48.51%
Target Compounds			
6) T n-Tetradecane (C14)	8.684	58644	0.423 ug/ml
7) T n-Hexadecane (C16)	10.324	57350	0.402 ug/ml
8) T n-Octadecane (C18)	11.721	208581	1.423 ug/ml
10) T n-Eicosane (C20)	13.070	85684	0.596 ug/ml
11) T n-Heneicosane (C21)	13.699	28453	0.199 ug/ml
13) T n-Docosane (C22)	14.333f	212087	1.485 ug/ml
14) T n-Tetracosane (C24)	15.365	80555	0.554 ug/ml
16) T n-Octacosane (C28)	17.355	61770	0.424 ug/ml
17) T n-Tricontane (C30)	18.241	153625	0.975 ug/ml
18) T n-Dotriacontane (C32)	19.074	158322	0.979 ug/ml
19) T n-Tetratriacontane (C34)	19.863	130957	0.859 ug/ml
20) T n-Hexatriacontane (C36)	20.607	58897	0.438 ug/ml
21) T n-Octatriacontane (C38)	21.359	70299	0.599 ug/ml
22) T n-Tetracontane (C40)	22.376	37173	0.343 ug/ml

(f)=RT Delta > 1/2 Window

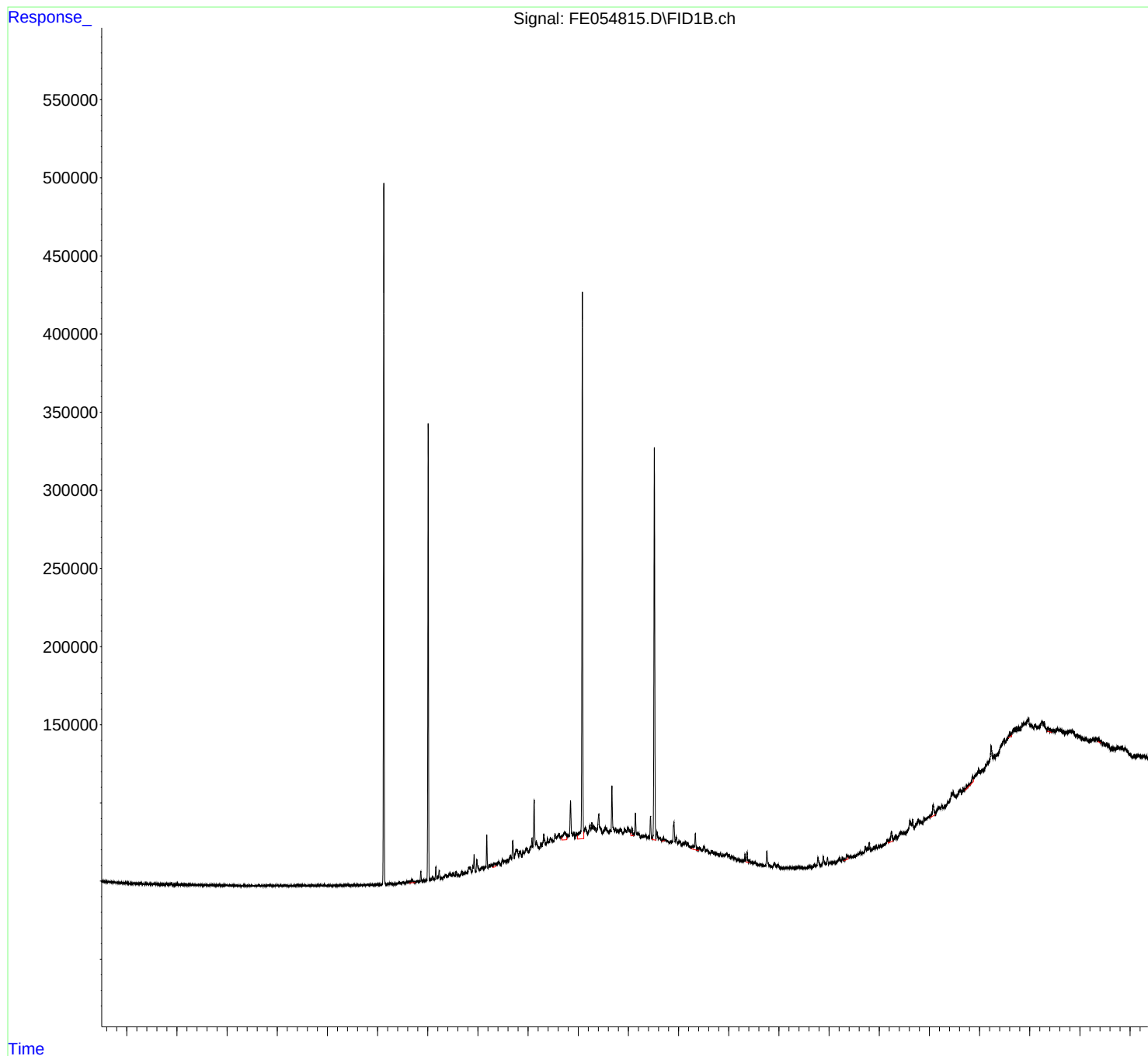
(m)=manual int.

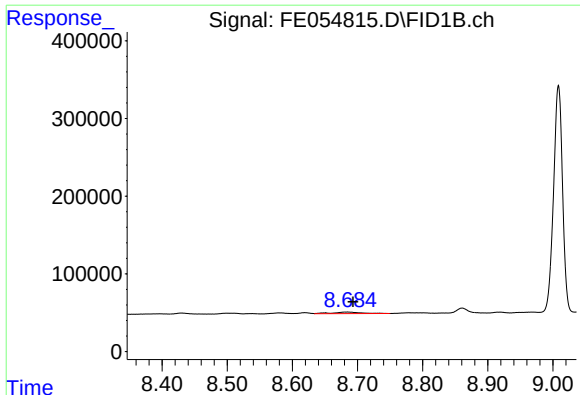
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Signal Info : 20M x 0.18mm x 0.18um

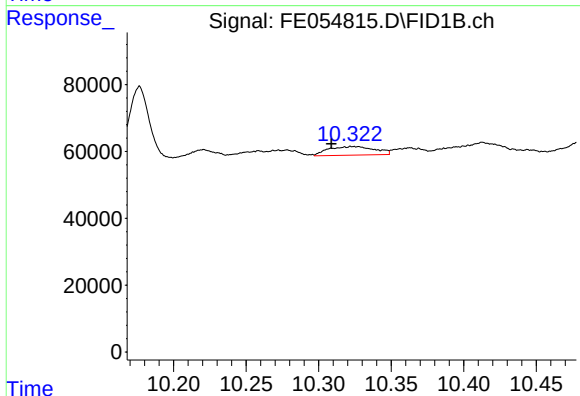




#6 n-Tetradecane (C14)

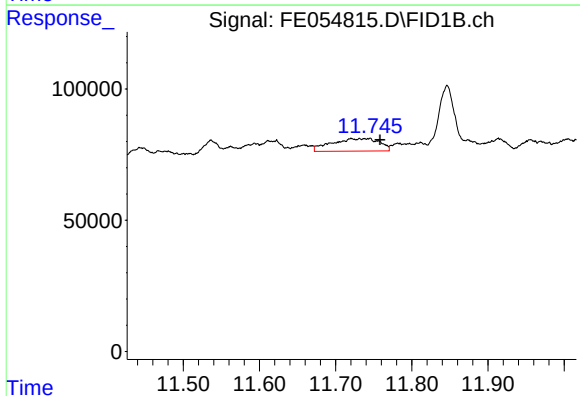
R.T.: 8.684 min
Delta R.T.: -0.009 min
Response: 58644
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030-E2



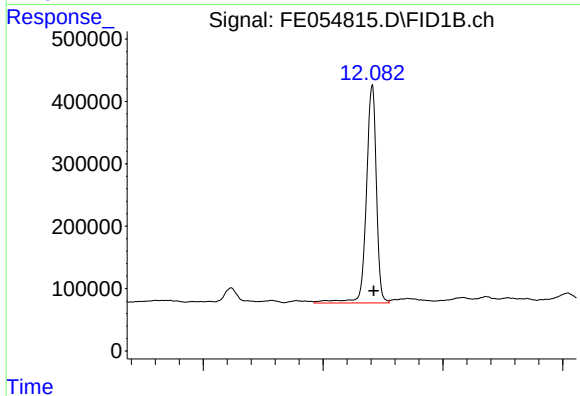
#7 n-Hexadecane (C16)

R.T.: 10.324 min
Delta R.T.: 0.016 min
Response: 57350
Conc: 0.40 ug/ml



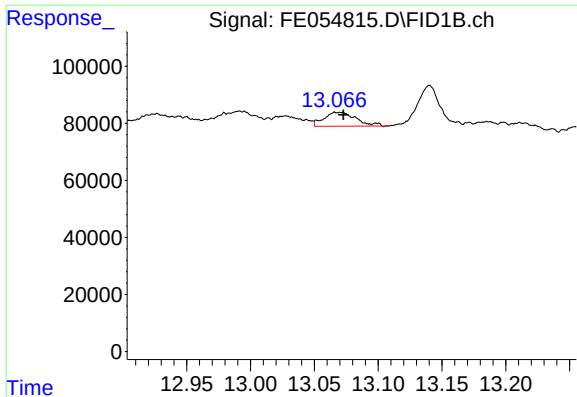
#8 n-Octadecane (C18)

R.T.: 11.721 min
Delta R.T.: -0.037 min
Response: 208581
Conc: 1.42 ug/ml



#9 ortho-Terphenyl (SURR)

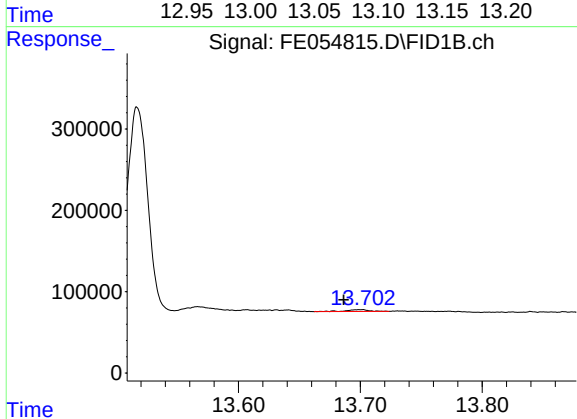
R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 4082559
Conc: 25.14 ug/ml



#10 n-Eicosane (C20)

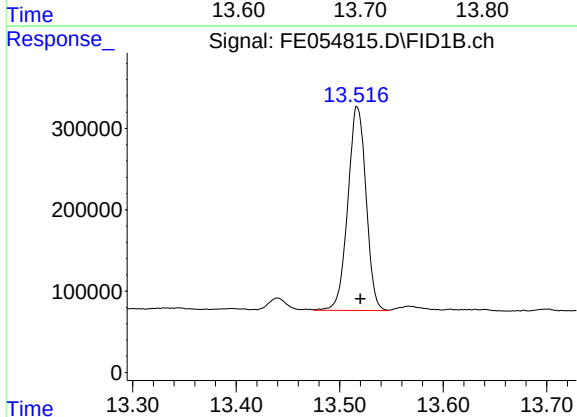
R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 85684
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030-E2



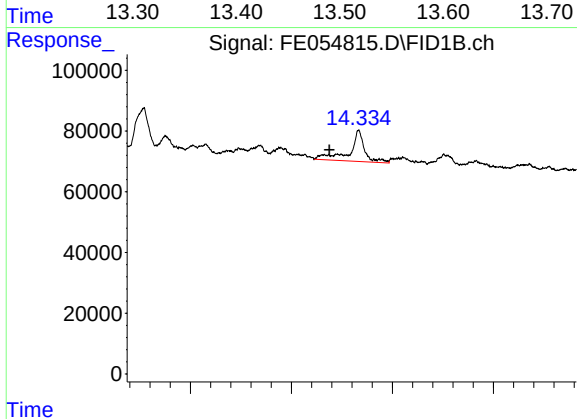
#11 n-Heneicosane (C21)

R.T.: 13.699 min
Delta R.T.: 0.013 min
Response: 28453
Conc: 0.20 ug/ml



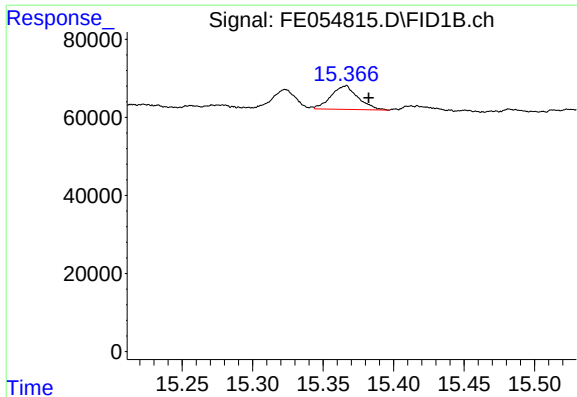
#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 3063361
Conc: 24.26 ug/ml



#13 n-Docosane (C22)

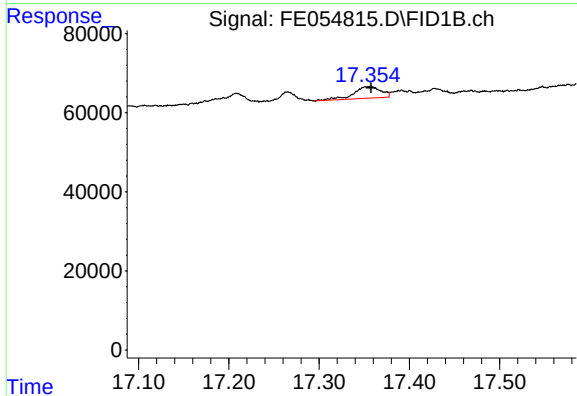
R.T.: 14.333 min
Delta R.T.: 0.058 min
Response: 212087
Conc: 1.49 ug/ml



#14 n-Tetracosane (C24)

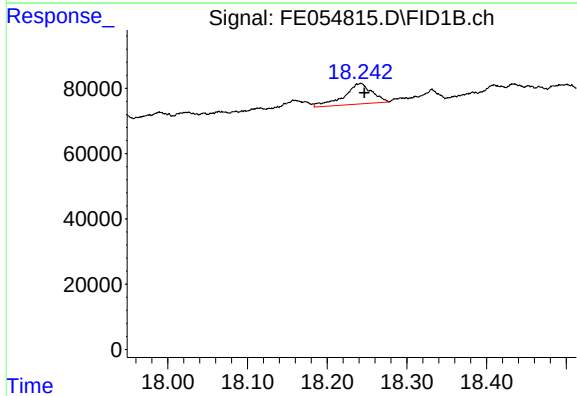
R.T.: 15.365 min
Delta R.T.: -0.017 min
Response: 80555
Conc: 0.55 ug/ml

Instrument :
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ARS20-0030-E2



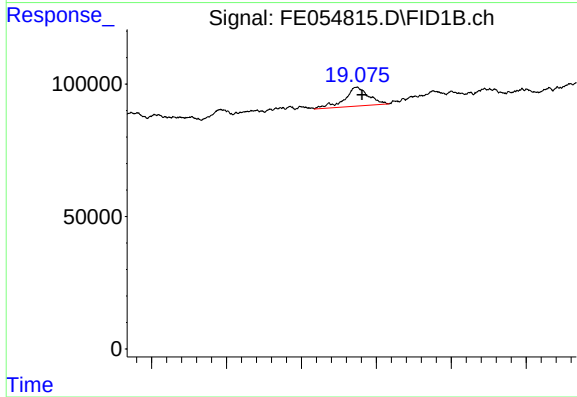
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: -0.003 min
Response: 61770
Conc: 0.42 ug/ml



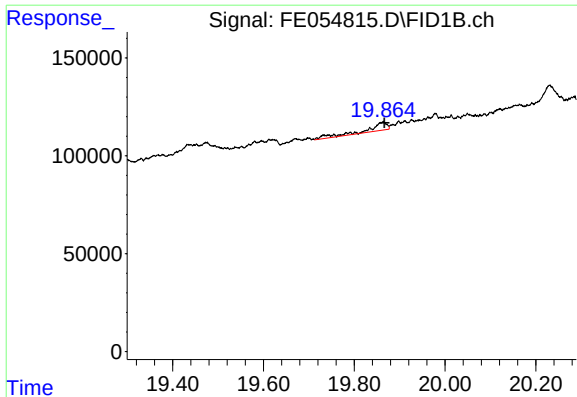
#17 n-Tricontane (C30)

R.T.: 18.241 min
Delta R.T.: -0.005 min
Response: 153625
Conc: 0.97 ug/ml



#18 n-Dotriacontane (C32)

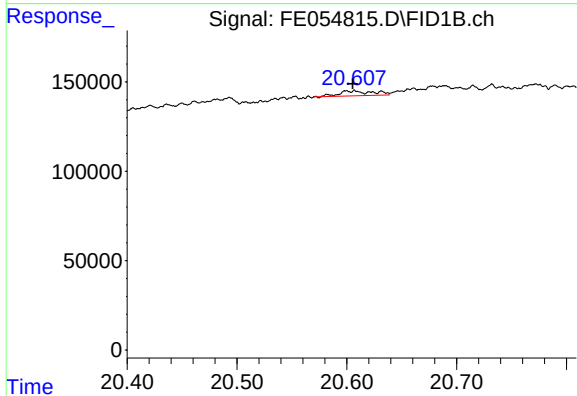
R.T.: 19.074 min
Delta R.T.: -0.007 min
Response: 158322
Conc: 0.98 ug/ml



#19 n-Tetratriacontane (C34)

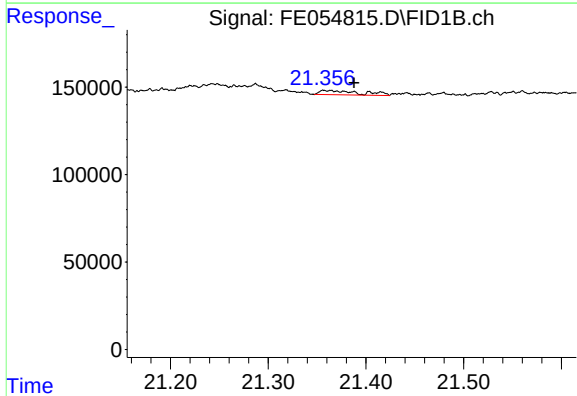
R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 130957
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030-E2



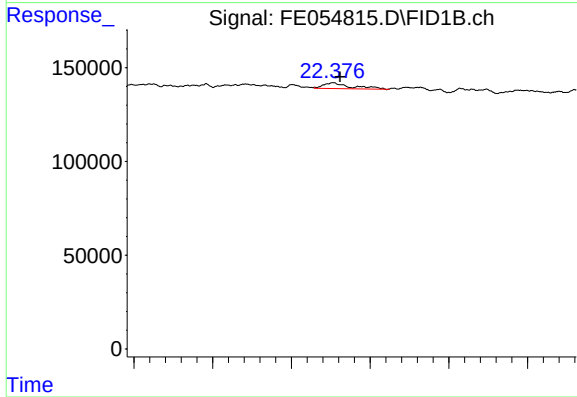
#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 58897
Conc: 0.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.359 min
Delta R.T.: -0.029 min
Response: 70299
Conc: 0.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.004 min
Response: 37173
Conc: 0.34 ug/ml