

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055217.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 18:19
 Operator : YP\AJ
 Sample : Q2802-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1A

Integration File: autoint1.e
 Quant Time: Aug 11 02:45:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.679	58637	0.393 ug/ml
Spiked Amount 50.000		Recovery =	0.79%
12) S 1-chlorooctadecane (S...	13.069	158315	1.452 ug/ml
Spiked Amount 50.000		Recovery =	2.90%
Target Compounds			
6) T n-Tetradecane (C14)	8.338	44091	0.309 ug/ml
7) T n-Hexadecane (C16)	9.904	1009364	7.002 ug/ml
10) T n-Eicosane (C20)	12.675	433441	3.290 ug/ml
11) T n-Heneicosane (C21)	13.318	359316	2.817 ug/ml
13) T n-Docosane (C22)	13.846	102872	0.823 ug/ml
14) T n-Tetracosane (C24)	14.958	128841	1.068 ug/ml
15) T n-Hexacosane (C26)	15.986	153823	1.331 ug/ml
16) T n-Octacosane (C28)	16.895	326345	2.911 ug/ml
17) T n-Tricontane (C30)	17.809	123325	1.077 ug/ml
18) T n-Dotriacontane (C32)	18.672	82281	0.741 ug/ml
19) T n-Tetratriacontane (C34)	19.471	447599	4.396 ug/ml
20) T n-Hexatriacontane (C36)	20.244f	384073	4.307 ug/ml
21) T n-Octatriacontane (C38)	20.972	292628	3.638 ug/ml
22) T n-Tetracontane (C40)	21.912	498560	6.658 ug/ml

(f)=RT Delta > 1/2 Window

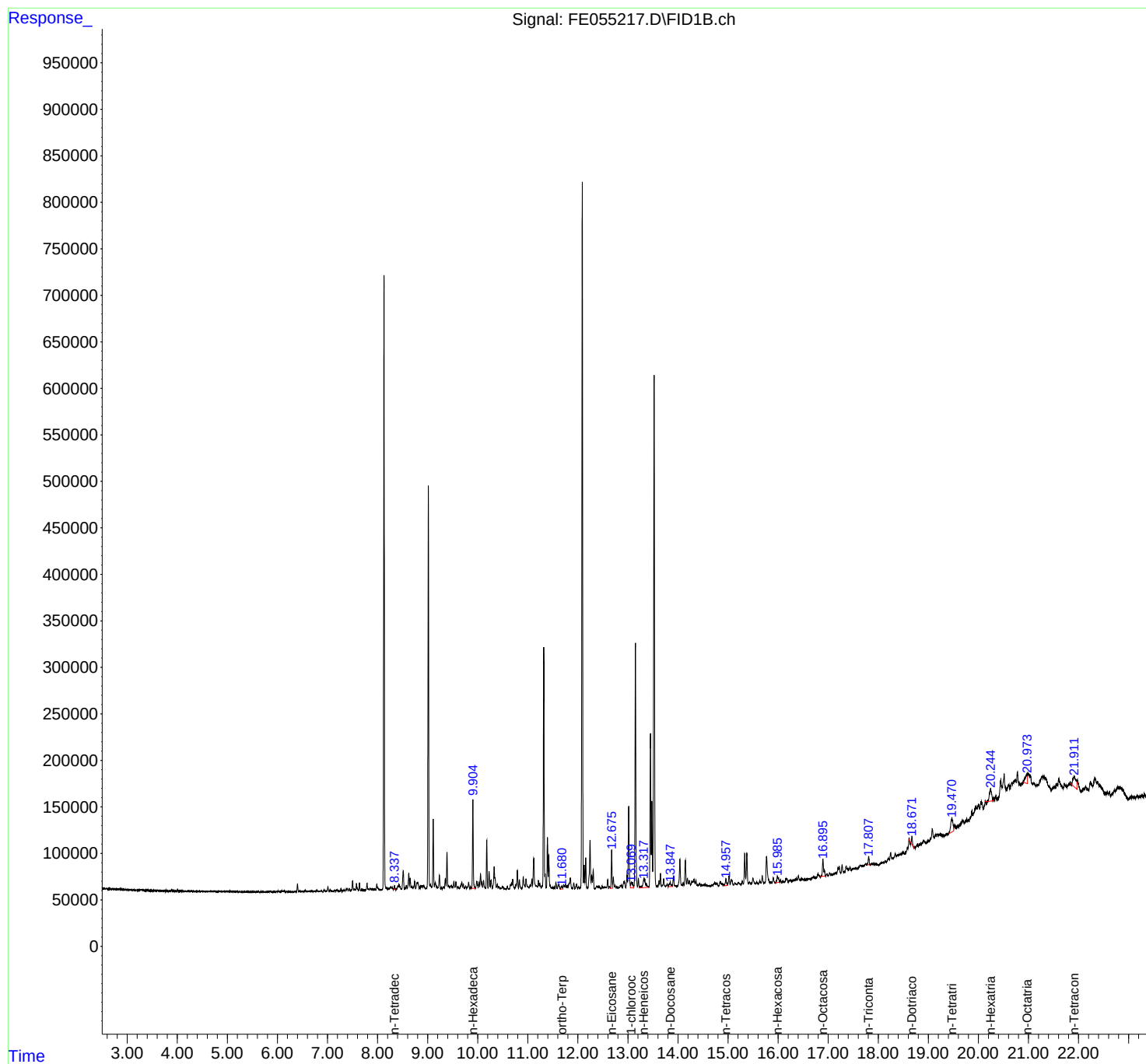
(m)=manual int.

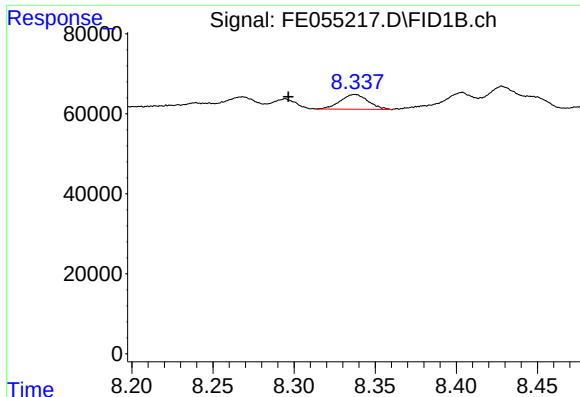
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

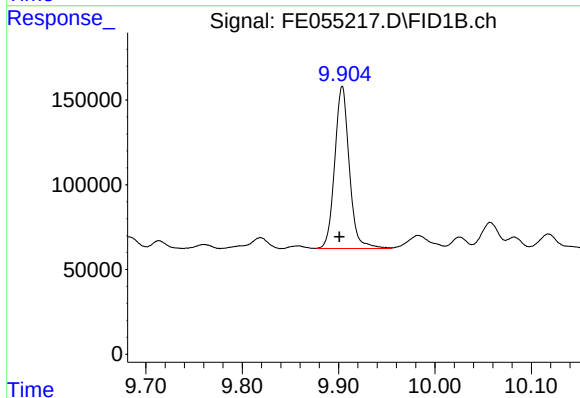




#6 n-Tetradecane (C14)

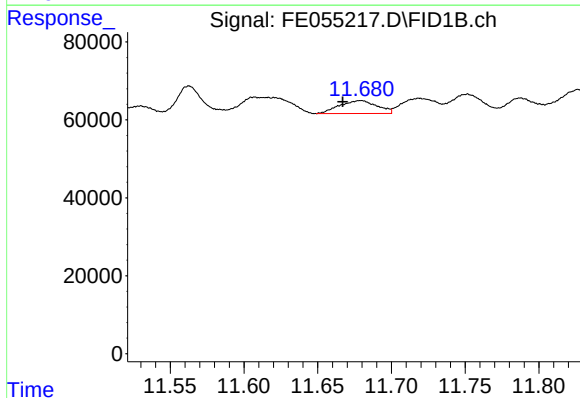
R.T.: 8.338 min
Delta R.T.: 0.041 min
Response: 44091
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1A



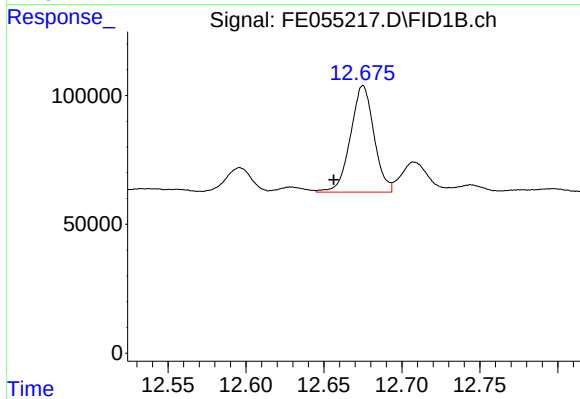
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.003 min
Response: 1009364
Conc: 7.00 ug/ml



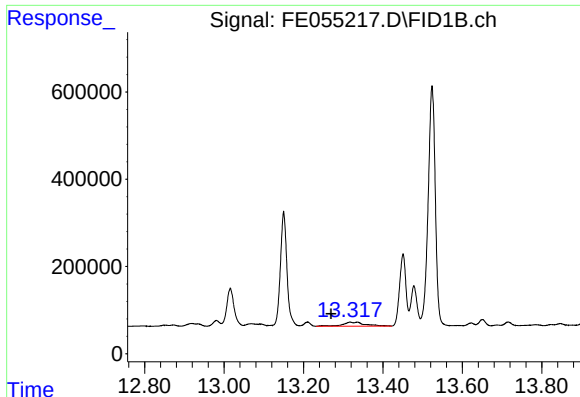
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.012 min
Response: 58637
Conc: 0.39 ug/ml



#10 n-Eicosane (C20)

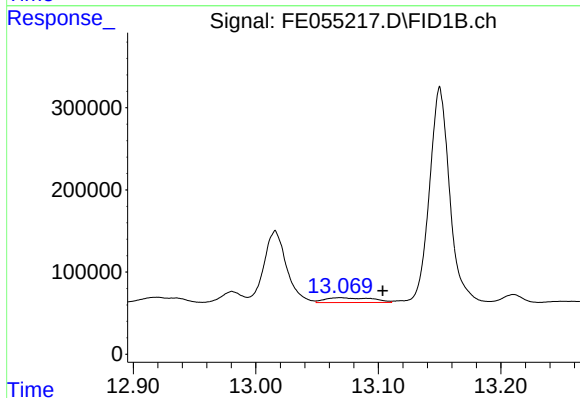
R.T.: 12.675 min
Delta R.T.: 0.019 min
Response: 433441
Conc: 3.29 ug/ml



#11 n-Heneicosane (C21)

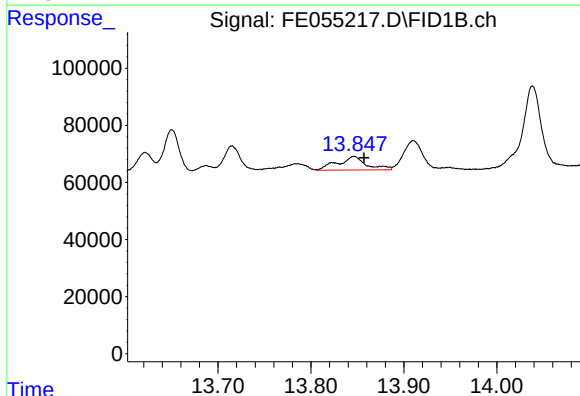
R.T.: 13.318 min
Delta R.T.: 0.048 min
Response: 359316
Conc: 2.82 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1A



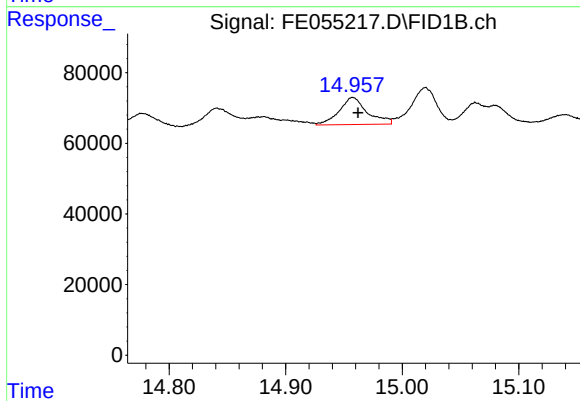
#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: -0.035 min
Response: 158315
Conc: 1.45 ug/ml



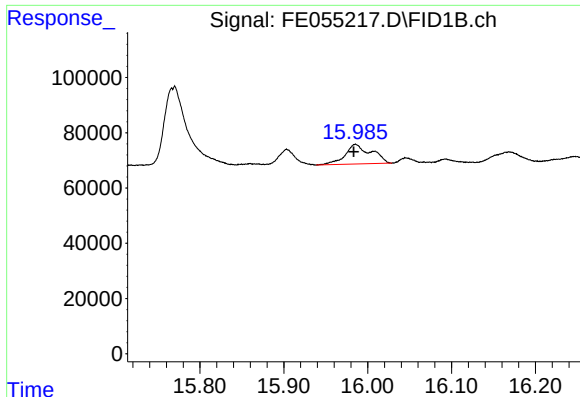
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.011 min
Response: 102872
Conc: 0.82 ug/ml



#14 n-Tetracosane (C24)

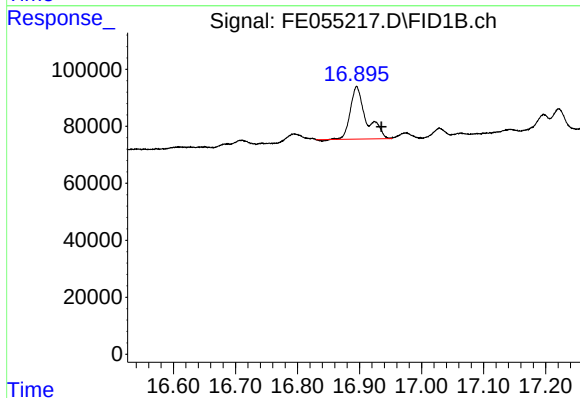
R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 128841
Conc: 1.07 ug/ml



#15 n-Hexacosane (C26)

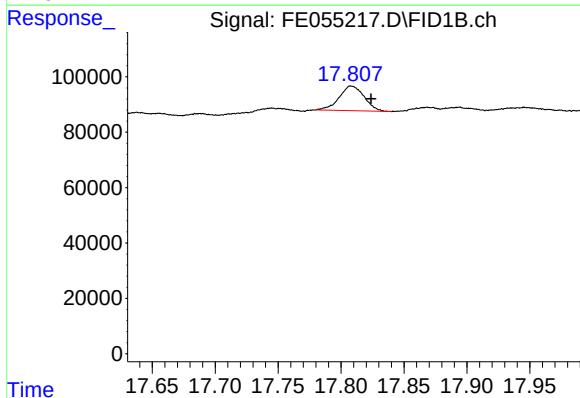
R.T.: 15.986 min
Delta R.T.: 0.002 min
Response: 153823
Conc: 1.33 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1A



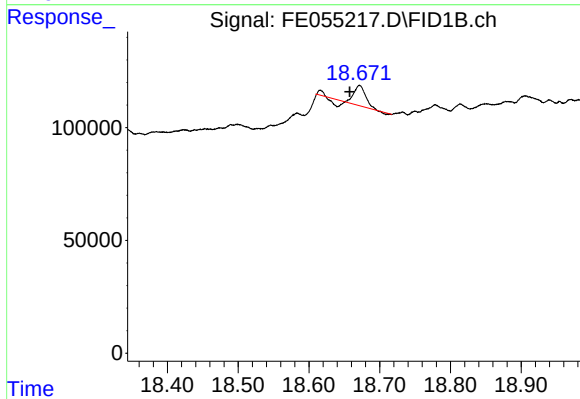
#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.040 min
Response: 326345
Conc: 2.91 ug/ml



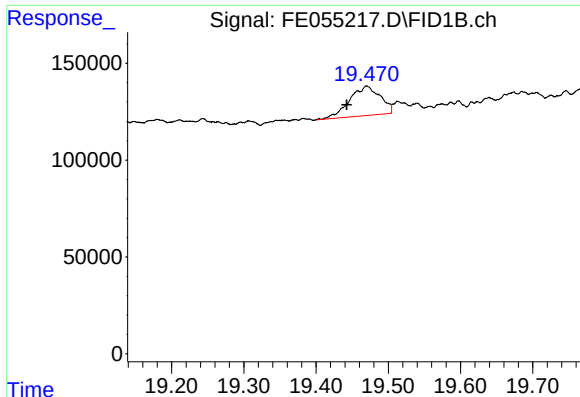
#17 n-Tricontane (C30)

R.T.: 17.809 min
Delta R.T.: -0.015 min
Response: 123325
Conc: 1.08 ug/ml



#18 n-Dotriacontane (C32)

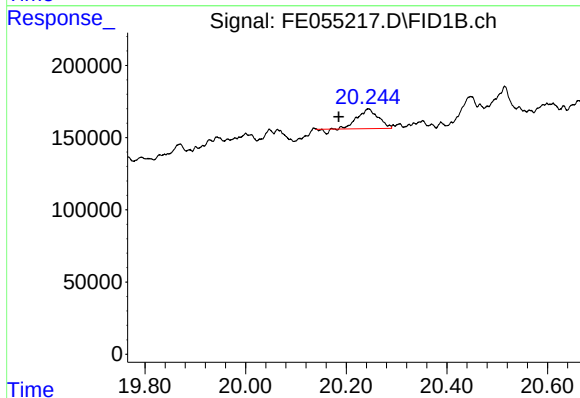
R.T.: 18.672 min
Delta R.T.: 0.014 min
Response: 82281
Conc: 0.74 ug/ml



#19 n-Tetratriacontane (C34)

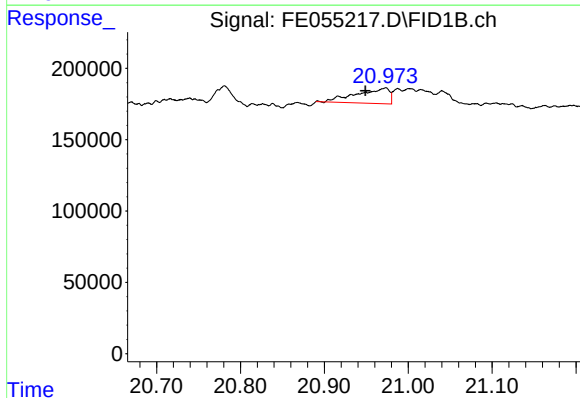
R.T.: 19.471 min
Delta R.T.: 0.028 min
Response: 447599
Conc: 4.40 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1A



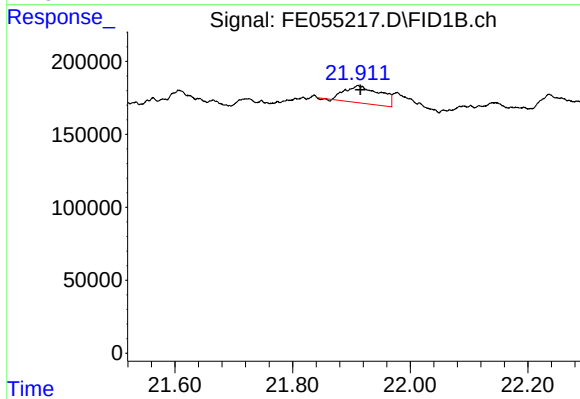
#20 n-Hexatriacontane (C36)

R.T.: 20.244 min
Delta R.T.: 0.059 min
Response: 384073
Conc: 4.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: 0.023 min
Response: 292628
Conc: 3.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.004 min
Response: 498560
Conc: 6.66 ug/ml