

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052713.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 22:32
 Operator : YP\AJ
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-101-SB01MS

Integration File: autoint1.e
 Quant Time: Mar 11 05:24:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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			
12) S 1-chlorooctadecane (S...	13.358	4515939	37.191 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
Target Compounds			
1) T n-Nonane (C9)	3.251	3926499	25.324 ug/ml
2) T n-Decane (C10)	4.512	4725334	30.079 ug/ml
4) T n-Dodecane (C12)	6.694	5189852	33.333 ug/ml
6) T n-Tetradecane (C14)	8.532	5619054	37.136 ug/ml
7) T n-Hexadecane (C16)	10.148	6134619	40.125 ug/ml
8) T n-Octadecane (C18)	11.598	6467491	42.510 ug/ml
10) T n-Eicosane (C20)	12.913	6560393	45.190 ug/ml
11) T n-Heneicosane (C21)	13.527	6286711	44.170 ug/ml
13) T n-Docosane (C22)	14.115	6285602	44.169 ug/ml
14) T n-Tetracosane (C24)	15.222	6226039	43.506 ug/ml
15) T n-Hexacosane (C26)	16.246	6171430	43.401 ug/ml
16) T n-Octacosane (C28)	17.198	6117068	43.019 ug/ml
17) T n-Tricontane (C30)	18.088	6214716	42.076 ug/ml
18) T n-Dotriacontane (C32)	18.924	6240074	42.982 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6279158	46.588 ug/ml
20) T n-Hexatriacontane (C36)	20.453	6191104	52.103 ug/ml
21) T n-Octatriacontane (C38)	21.196	6275071	56.565 ug/ml
22) T n-Tetracontane (C40)	22.122	6329171	58.541 ug/ml

(f)=RT Delta > 1/2 Window

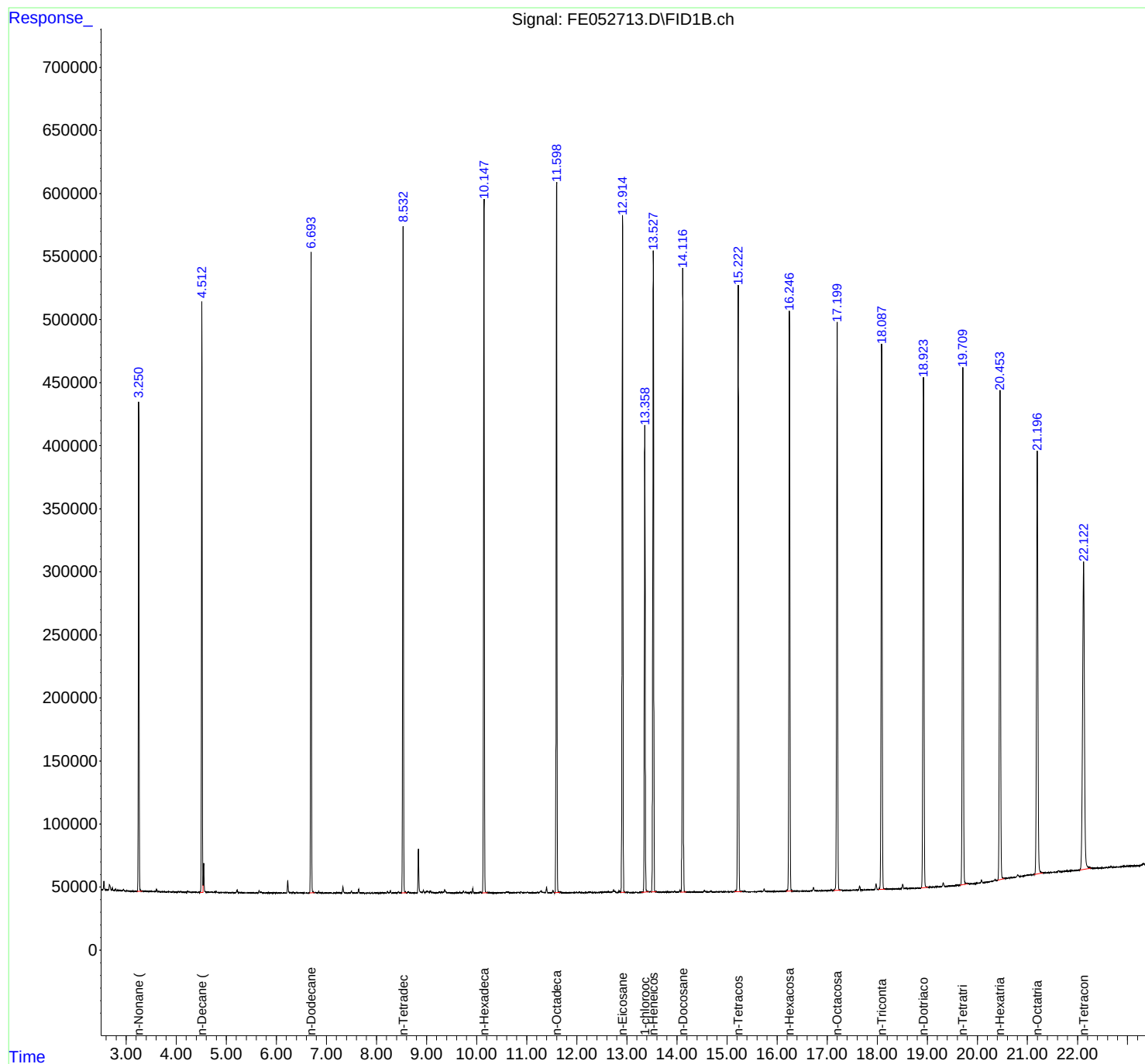
(m)=manual int.

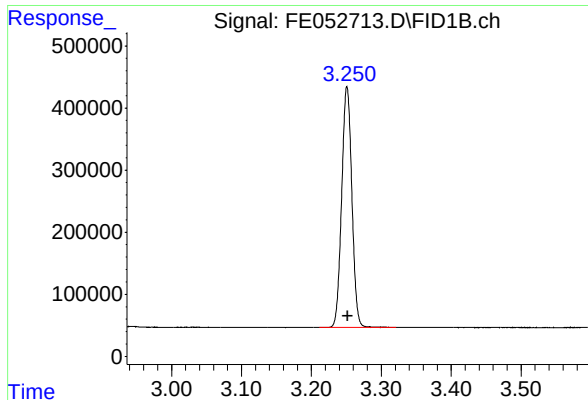
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
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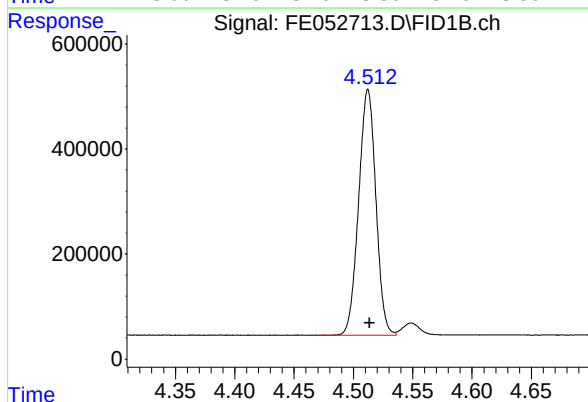




#1 n-Nonane (C9)

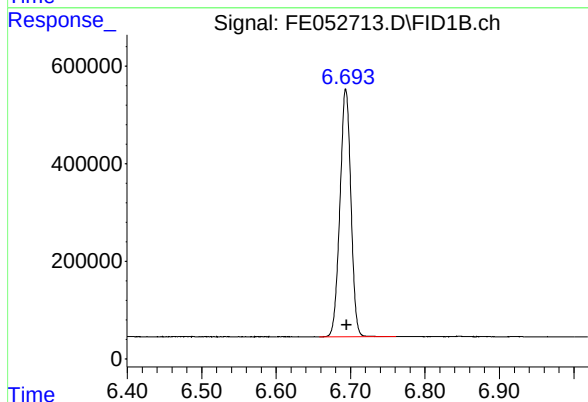
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3926499
Conc: 25.32 ug/ml

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01MS



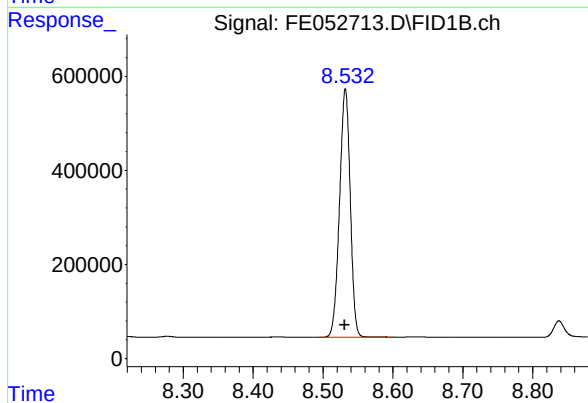
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 4725334
Conc: 30.08 ug/ml



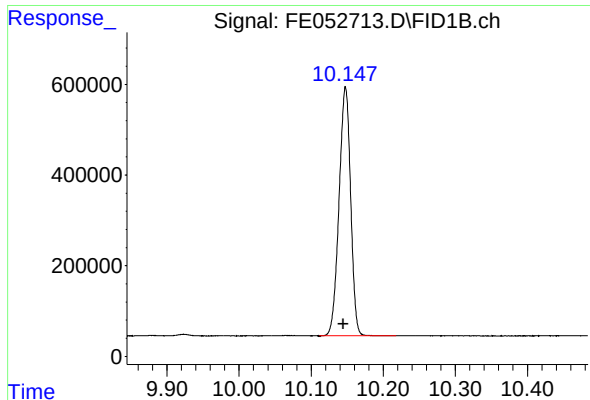
#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 5189852
Conc: 33.33 ug/ml



#6 n-Tetradecane (C14)

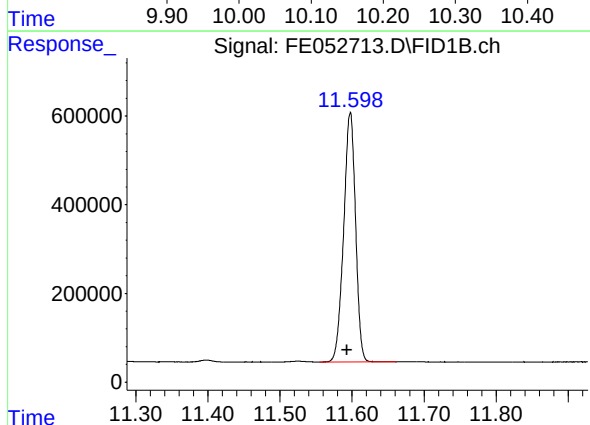
R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 5619054
Conc: 37.14 ug/ml



#7 n-Hexadecane (C16)

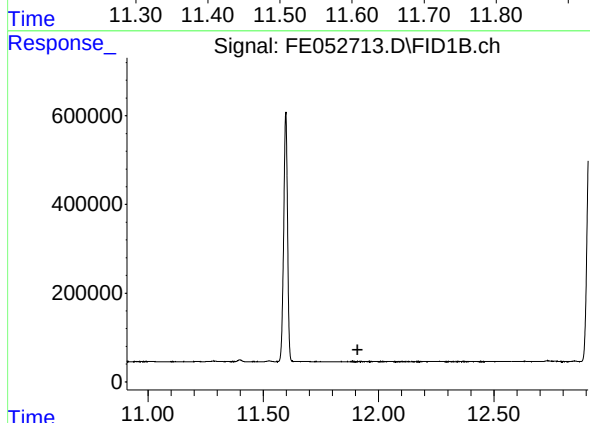
R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 6134619
Conc: 40.13 ug/ml

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01MS



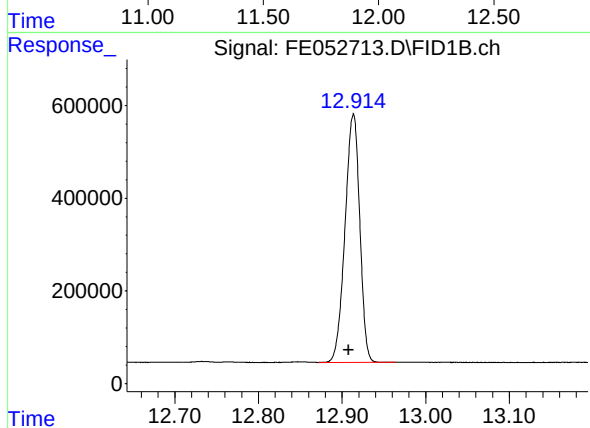
#8 n-Octadecane (C18)

R.T.: 11.598 min
Delta R.T.: 0.004 min
Response: 6467491
Conc: 42.51 ug/ml



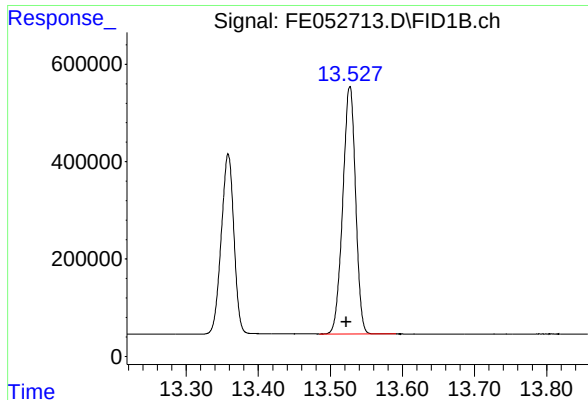
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

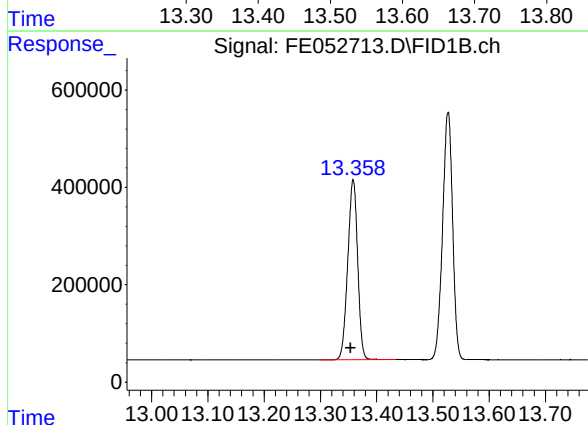
R.T.: 12.913 min
Delta R.T.: 0.006 min
Response: 6560393
Conc: 45.19 ug/ml



#11 n-Heneicosane (C21)

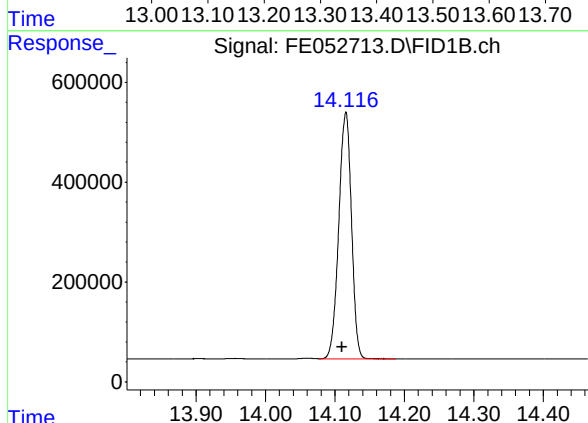
R.T.: 13.527 min
Delta R.T.: 0.005 min
Response: 6286711
Conc: 44.17 ug/ml

Instrument :
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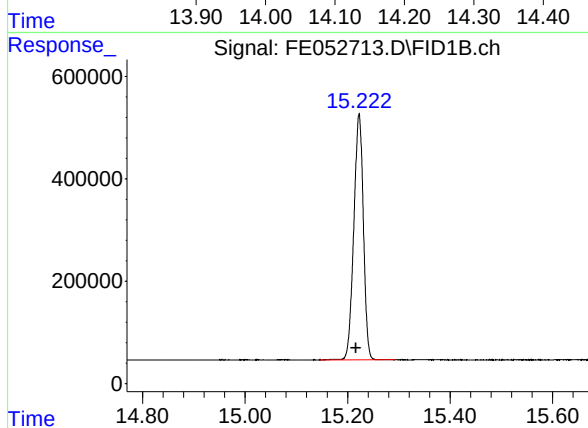
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 4515939
Conc: 37.19 ug/ml



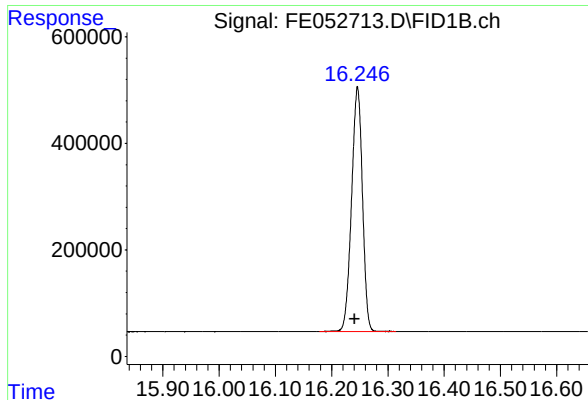
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: 0.005 min
Response: 6285602
Conc: 44.17 ug/ml



#14 n-Tetracosane (C24)

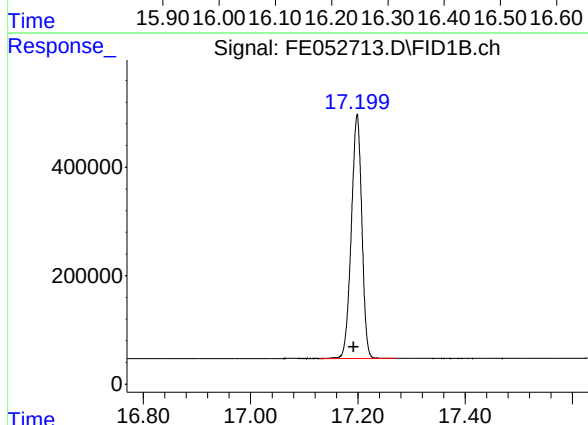
R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 6226039
Conc: 43.51 ug/ml



#15 n-Hexacosane (C26)

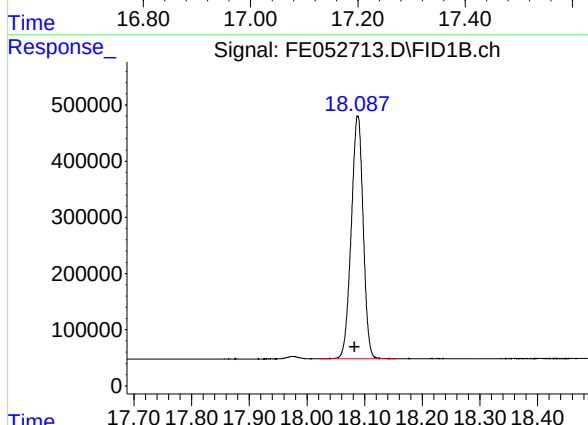
R.T.: 16.246 min
Delta R.T.: 0.005 min
Response: 6171430
Conc: 43.40 ug/ml

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01MS



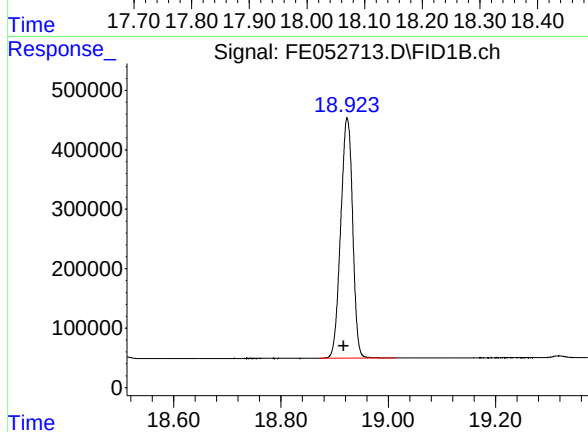
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: 0.006 min
Response: 6117068
Conc: 43.02 ug/ml



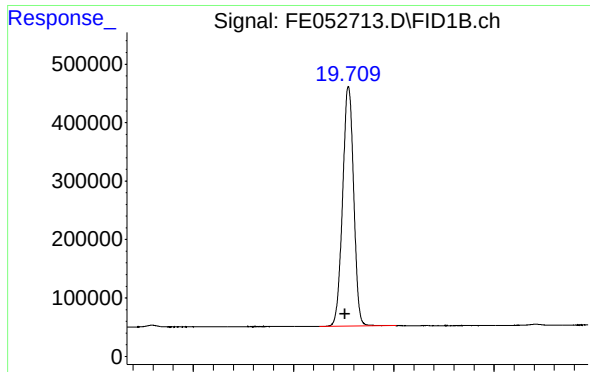
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: 0.005 min
Response: 6214716
Conc: 42.08 ug/ml



#18 n-Dotriacontane (C32)

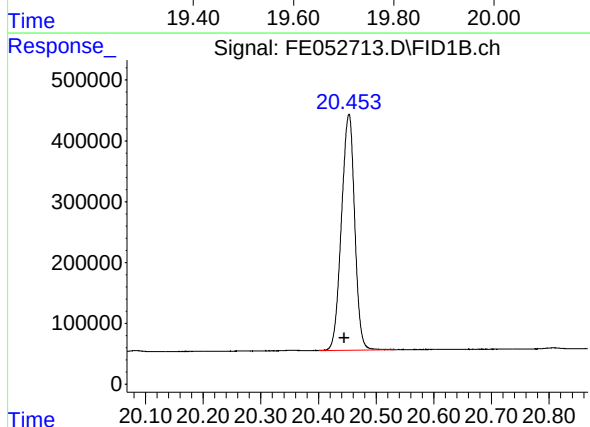
R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 6240074
Conc: 42.98 ug/ml



#19 n-Tetratriacontane (C34)

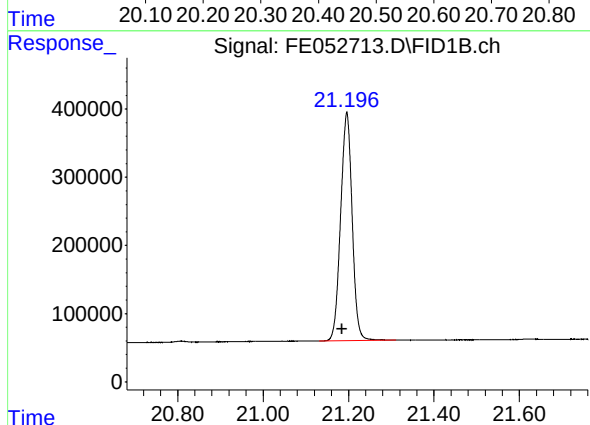
R.T.: 19.710 min
Delta R.T.: 0.007 min
Response: 6279158
Conc: 46.59 ug/ml

Instrument :
FID_E
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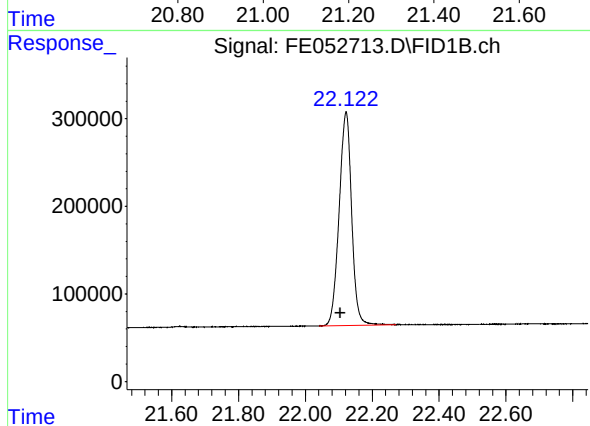
#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 6191104
Conc: 52.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.011 min
Response: 6275071
Conc: 56.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.017 min
Response: 6329171
Conc: 58.54 ug/ml