

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052808.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 15:23
 Operator : YP\AJ
 Sample : Q1566-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CTWK-COMPMS

Integration File: autoint1.e
 Quant Time: Mar 14 23:31:34 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			
9) S ortho-Terphenyl (SURR)	11.907	4612446	27.360 ug/ml
Spiked Amount 50.000		Recovery =	54.72%
12) S 1-chlorooctadecane (S...	13.351	3550843	29.243 ug/ml
Spiked Amount 50.000		Recovery =	58.49%
Target Compounds			
1) T n-Nonane (C9)	3.250	4699571	30.310 ug/ml
2) T n-Decane (C10)	4.511	5151996	32.795 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5805363	34.231 ug/ml
4) T n-Dodecane (C12)	6.690	5441909	34.951 ug/ml
5) T A~2-methylnaphthalene...	7.325	5468418	33.744 ug/ml
6) T n-Tetradecane (C14)	8.529	5822170	38.479 ug/ml
7) T n-Hexadecane (C16)	10.143	6205740	40.590 ug/ml
8) T n-Octadecane (C18)	11.591	6329395	41.602 ug/ml
10) T n-Eicosane (C20)	12.906	6418218	44.210 ug/ml
11) T n-Heneicosane (C21)	13.521	6076268	42.692 ug/ml
13) T n-Docosane (C22)	14.108	6081954	42.738 ug/ml
14) T n-Tetracosane (C24)	15.202	12355993	86.340 ug/ml
15) T n-Hexacosane (C26)	16.240	5899686	41.490 ug/ml
16) T n-Octacosane (C28)	17.191	5950506	41.847 ug/ml
17) T n-Tricontane (C30)	18.083	6000676	40.627 ug/ml
18) T n-Dotriacontane (C32)	18.916	5980855	41.196 ug/ml
19) T n-Tetratriacontane (C34)	19.702	6069450	45.033 ug/ml
20) T n-Hexatriacontane (C36)	20.443	5965937	50.208 ug/ml
21) T n-Octatriacontane (C38)	21.186	6108100	55.060 ug/ml
22) T n-Tetracontane (C40)	22.104	6182894	57.188 ug/ml

(f)=RT Delta > 1/2 Window

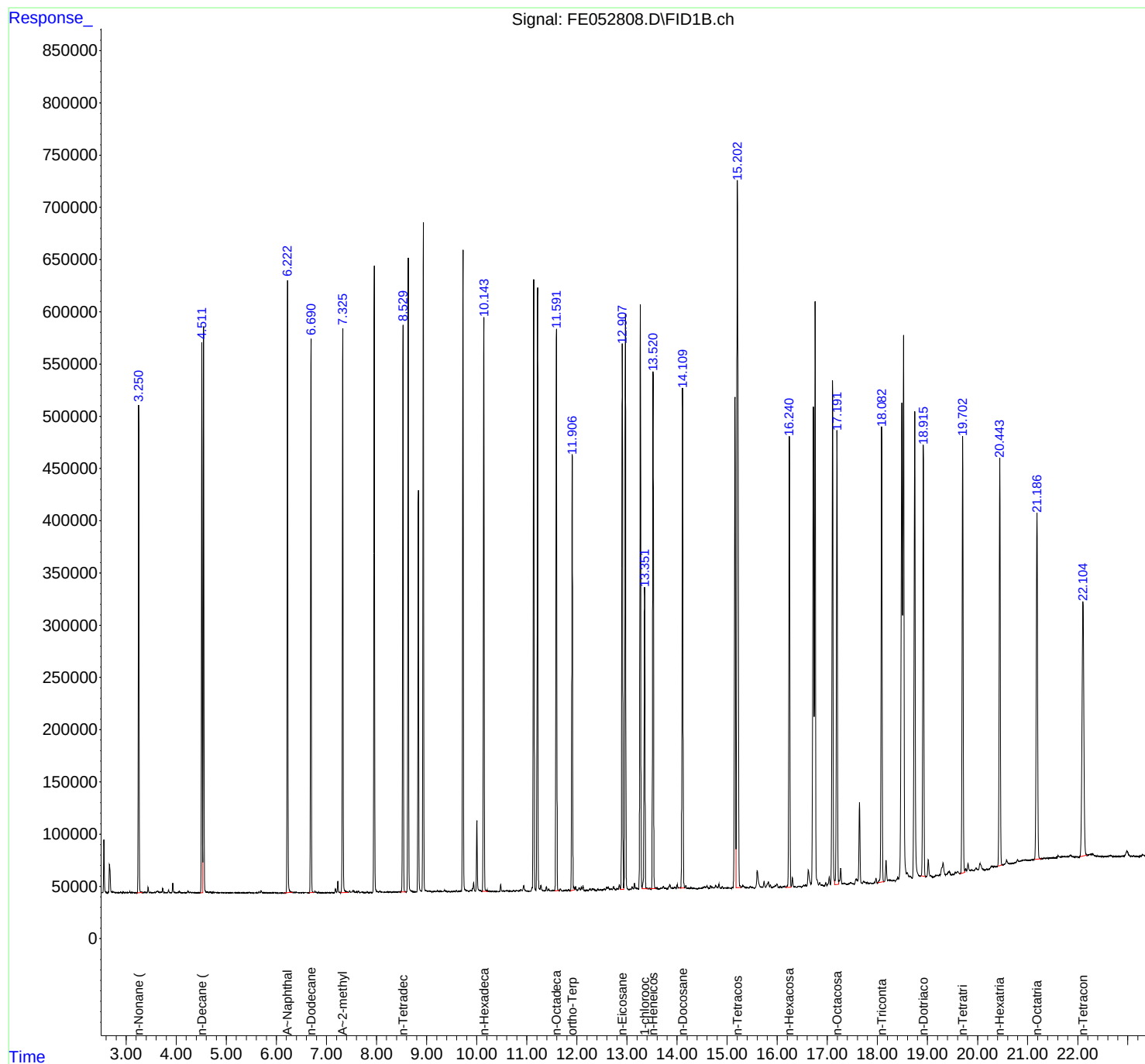
(m)=manual int.

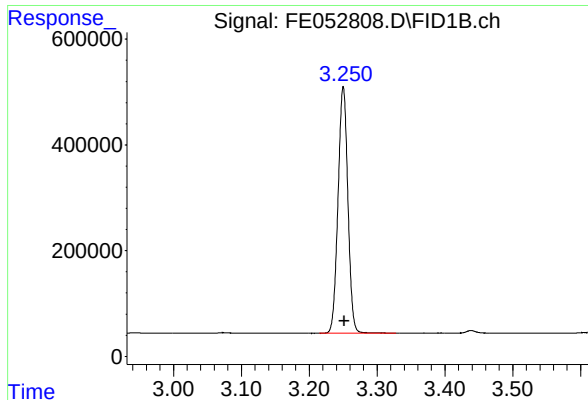
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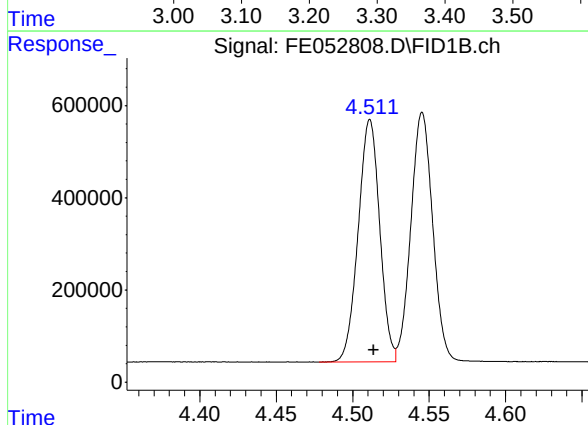




#1 n-Nonane (C9)

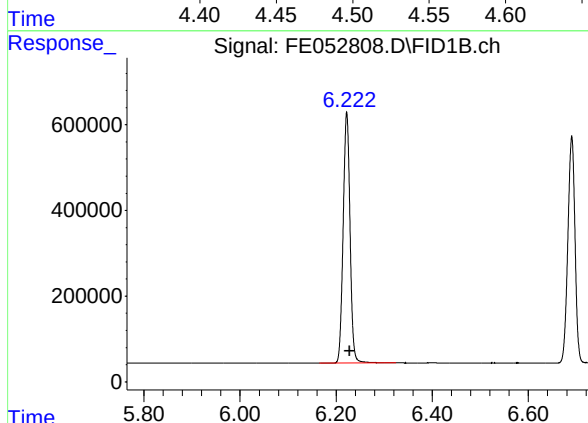
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 4699571
Conc: 30.31 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



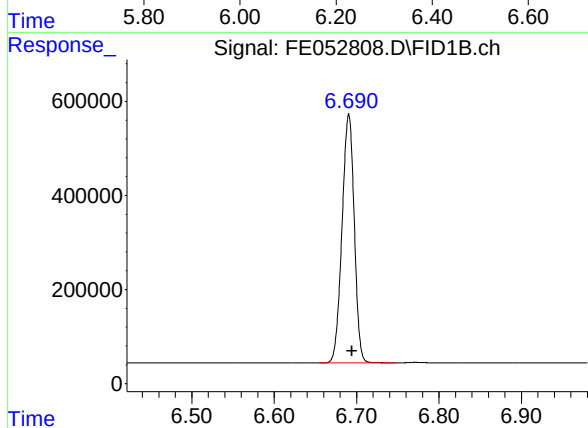
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 5151996
Conc: 32.80 ug/ml



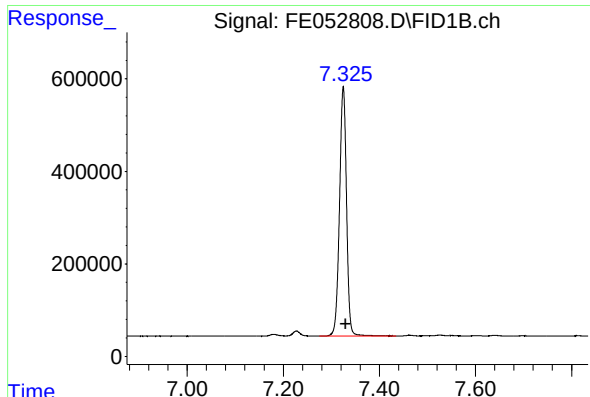
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 5805363
Conc: 34.23 ug/ml



#4 n-Dodecane (C12)

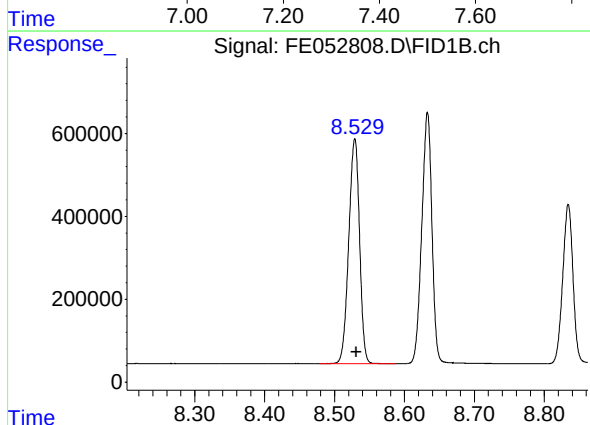
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 5441909
Conc: 34.95 ug/ml



#5 A~2-methylnaphthalene (C12.89)

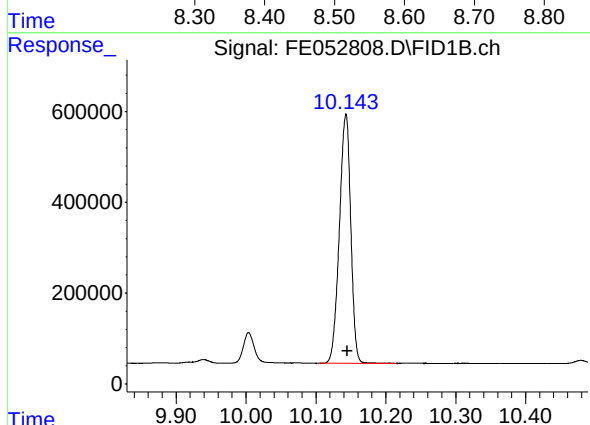
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 5468418
Conc: 33.74 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



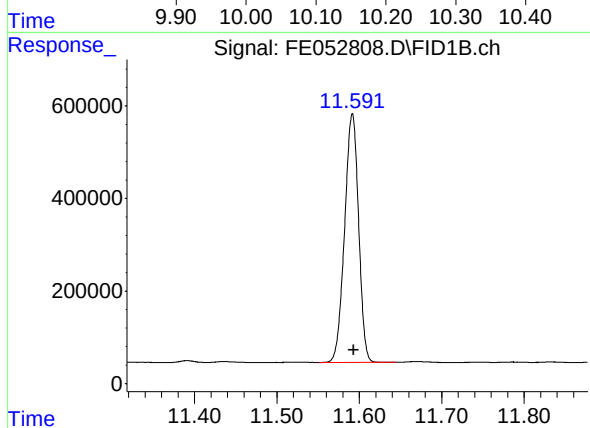
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 5822170
Conc: 38.48 ug/ml



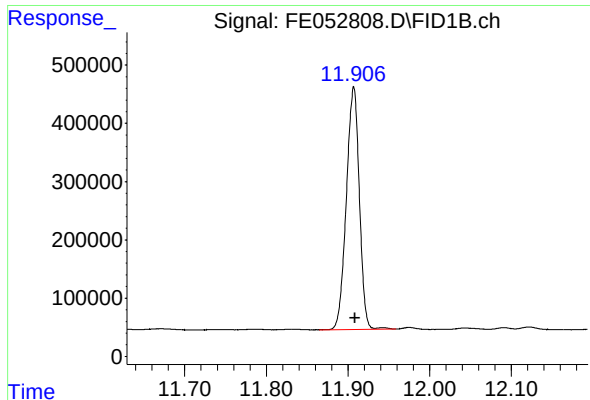
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.002 min
Response: 6205740
Conc: 40.59 ug/ml



#8 n-Octadecane (C18)

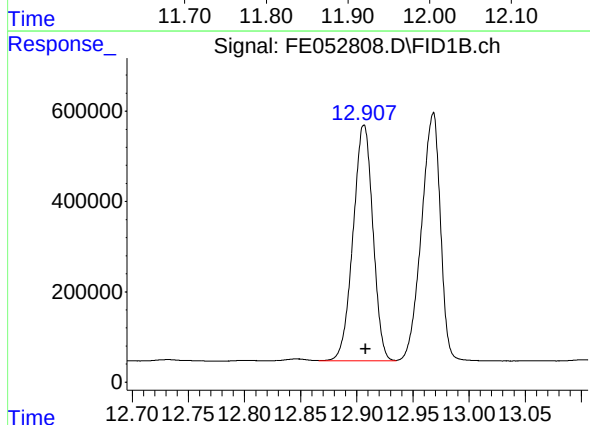
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 6329395
Conc: 41.60 ug/ml



#9 ortho-Terphenyl (SURR)

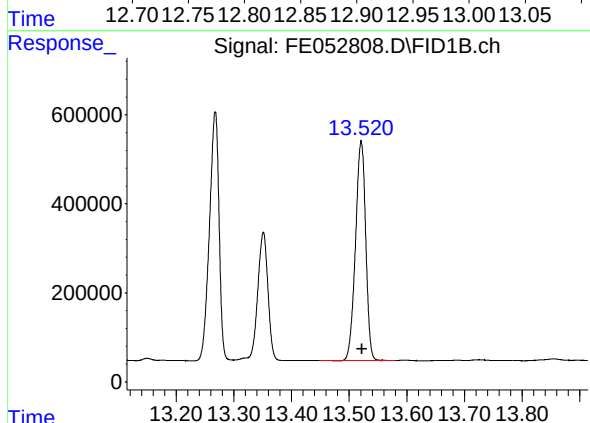
R.T.: 11.907 min
Delta R.T.: -0.002 min
Response: 4612446
Conc: 27.36 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



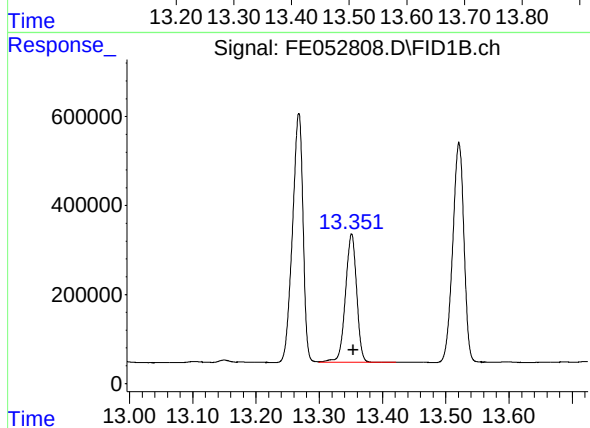
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.001 min
Response: 6418218
Conc: 44.21 ug/ml



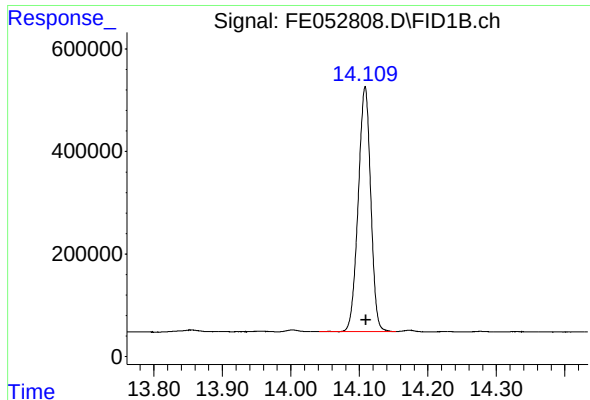
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.001 min
Response: 6076268
Conc: 42.69 ug/ml



#12 1-chlorooctadecane (SURR)

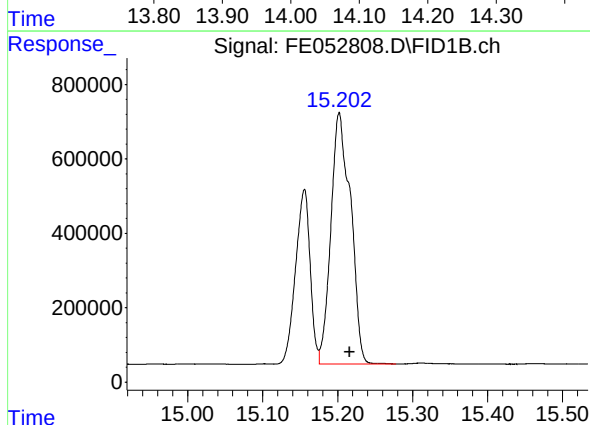
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 3550843
Conc: 29.24 ug/ml



#13 n-Docosane (C22)

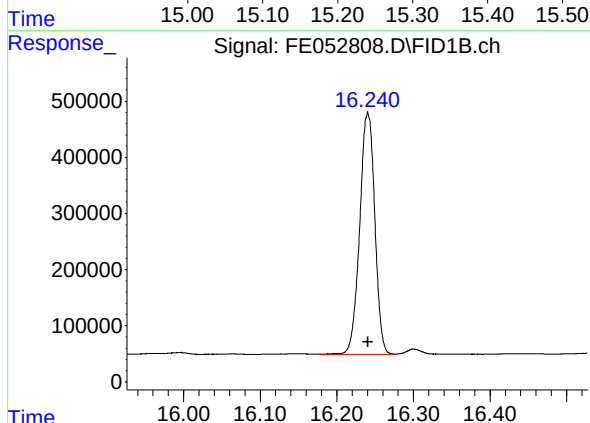
R.T.: 14.108 min
Delta R.T.: -0.002 min
Response: 6081954
Conc: 42.74 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



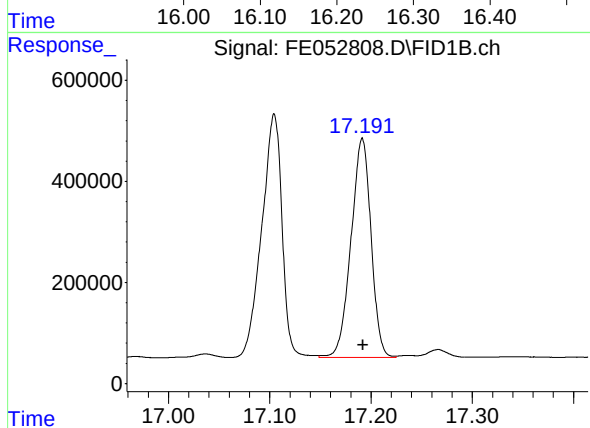
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.014 min
Response: 12355993
Conc: 86.34 ug/ml



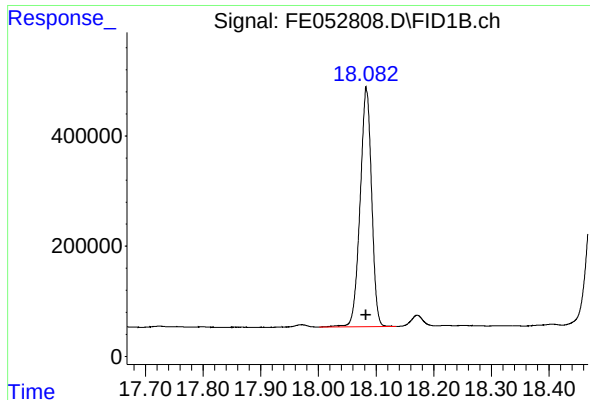
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 5899686
Conc: 41.49 ug/ml



#16 n-Octacosane (C28)

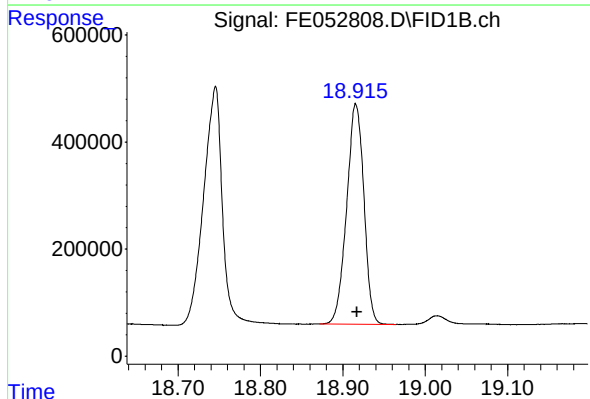
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 5950506
Conc: 41.85 ug/ml



#17 n-Tricontane (C30)

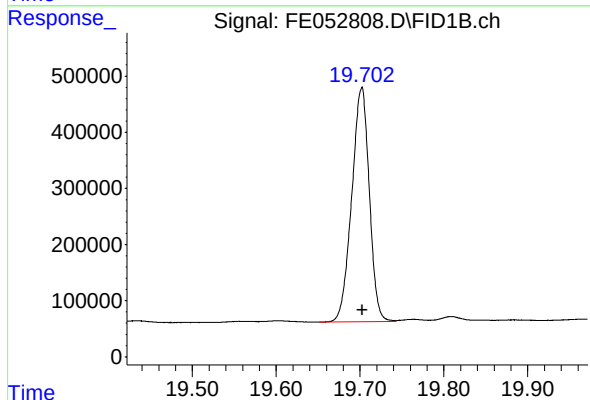
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 6000676
Conc: 40.63 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



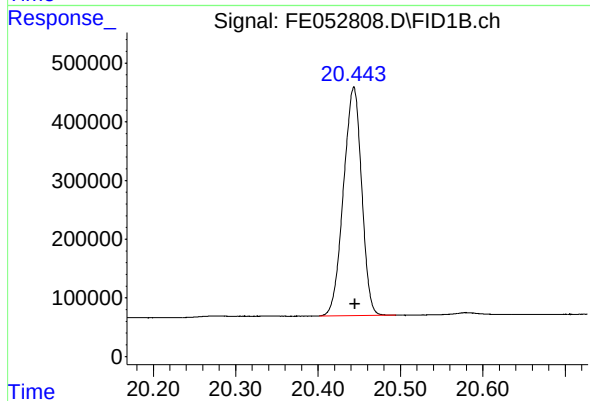
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.001 min
Response: 5980855
Conc: 41.20 ug/ml



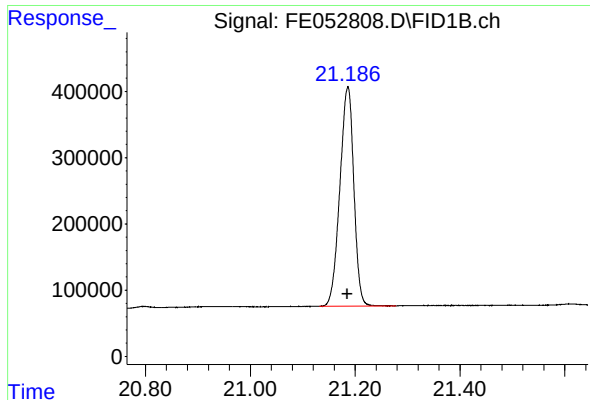
#19 n-Tetatriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 6069450
Conc: 45.03 ug/ml



#20 n-Hexatriacontane (C36)

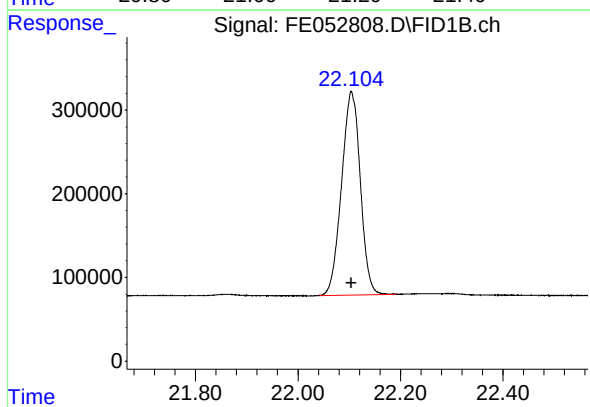
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 5965937
Conc: 50.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: 0.001 min
Response: 6108100
Conc: 55.06 ug/ml

Instrument :
FID_E
ClientSampleId :
CTWK-COMPMS



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 6182894
Conc: 57.19 ug/ml