

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052892.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 17:40
 Operator : YP\AJ
 Sample : Q1606-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT24743MSD

Integration File: autoint1.e
 Quant Time: Mar 20 23:22:50 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)	11.905	4976197	29.517 ug/ml
Spiked Amount 50.000		Recovery =	59.03%
12) S 1-chlorooctadecane (S...	13.349	3953031	32.555 ug/ml
Spiked Amount 50.000		Recovery =	65.11%
Target Compounds			
1) T n-Nonane (C9)	3.250	5694265	36.725 ug/ml
2) T n-Decane (C10)	4.511	6314442	40.195 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7389450	43.572 ug/ml
4) T n-Dodecane (C12)	6.690	6756294	43.393 ug/ml
5) T A~2-methylnaphthalene...	7.325	6840144	42.208 ug/ml
6) T n-Tetradecane (C14)	8.528	7304282	48.274 ug/ml
7) T n-Hexadecane (C16)	10.141	7690925	50.304 ug/ml
8) T n-Octadecane (C18)	11.591	7763743	51.030 ug/ml
10) T n-Eicosane (C20)	12.906	7843043	54.025 ug/ml
11) T n-Heneicosane (C21)	13.519	7455724	52.384 ug/ml
13) T n-Docosane (C22)	14.108	7413937	52.097 ug/ml
14) T n-Tetracosane (C24)	15.205	15166875	105.982 ug/ml
15) T n-Hexacosane (C26)	16.240	7139796	50.212 ug/ml
16) T n-Octacosane (C28)	17.191	7237169	50.896 ug/ml
17) T n-Tricontane (C30)	18.083	7252162	49.100 ug/ml
18) T n-Dotriacontane (C32)	18.916	7134966	49.146 ug/ml
19) T n-Tetratriacontane (C34)	19.703	7375891	54.726 ug/ml
20) T n-Hexatriacontane (C36)	20.444	7217987	60.746 ug/ml
21) T n-Octatriacontane (C38)	21.188	7335538	66.124 ug/ml
22) T n-Tetracontane (C40)	22.110	7492543	69.301 ug/ml

(f)=RT Delta > 1/2 Window

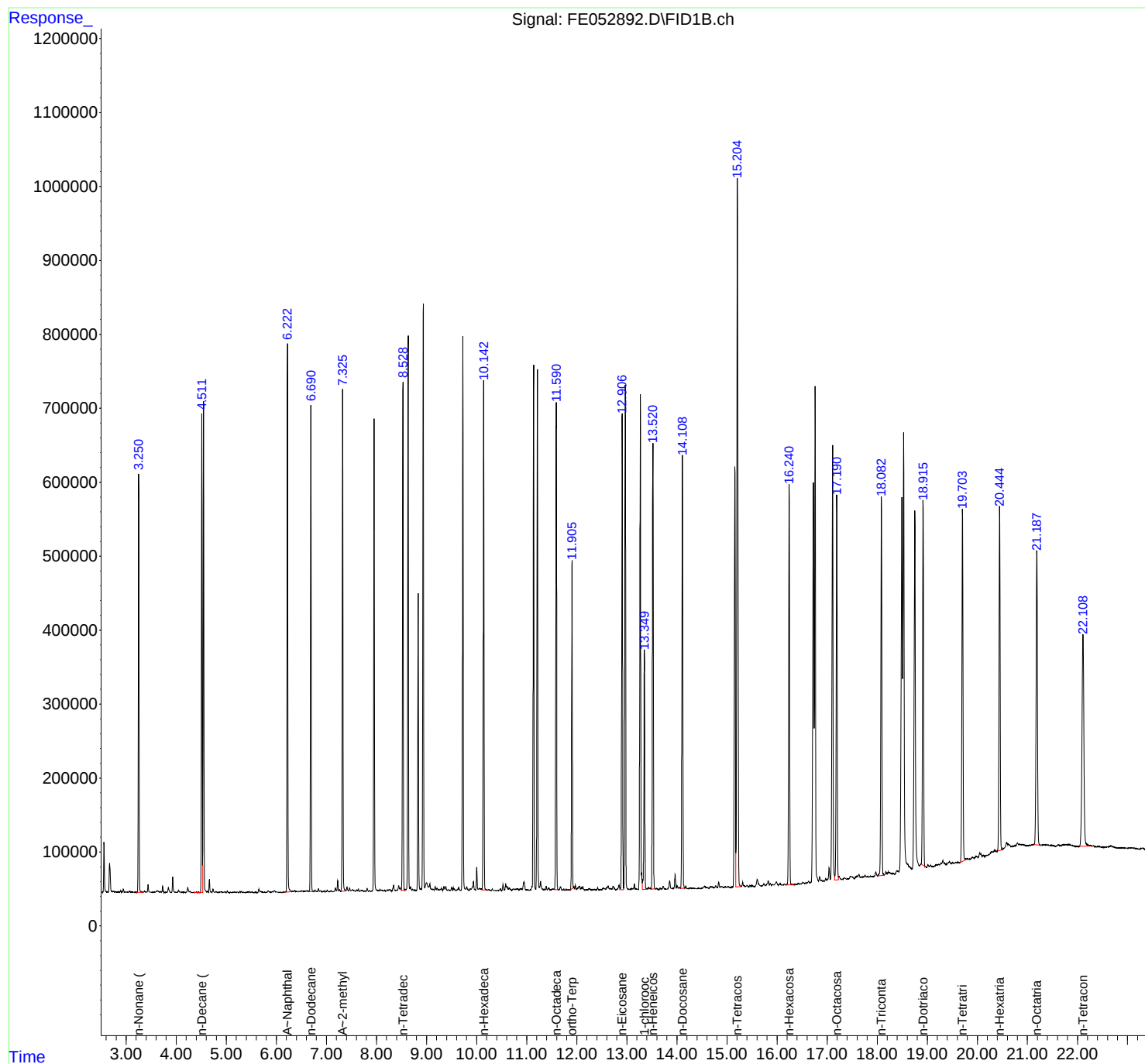
(m)=manual int.

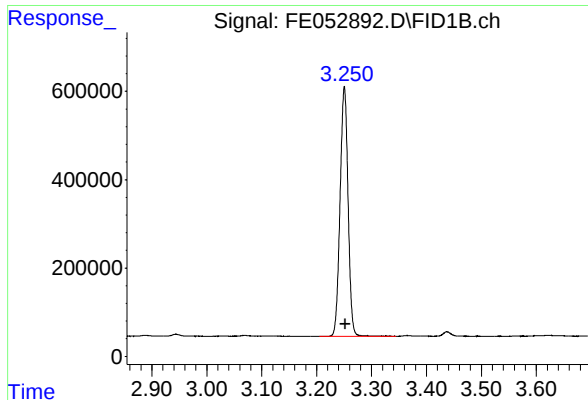
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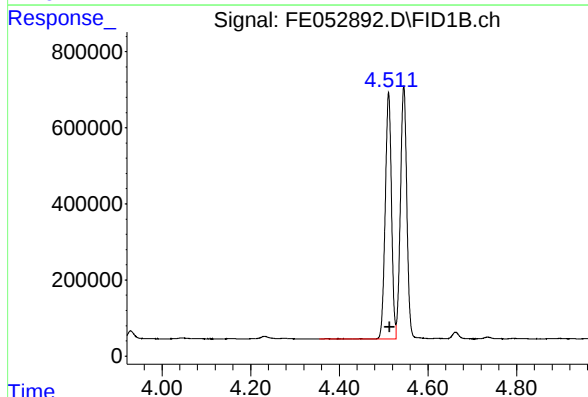




#1 n-Nonane (C9)

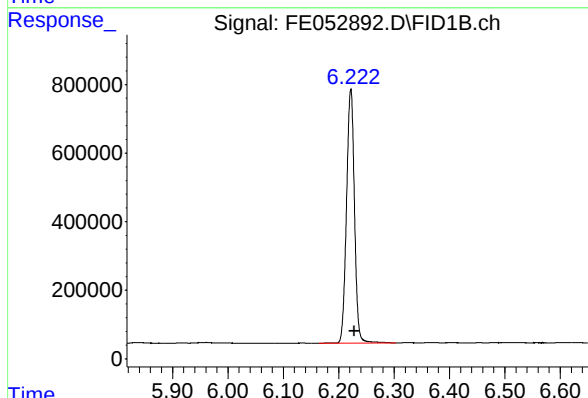
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 5694265
Conc: 36.73 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT24743MSD



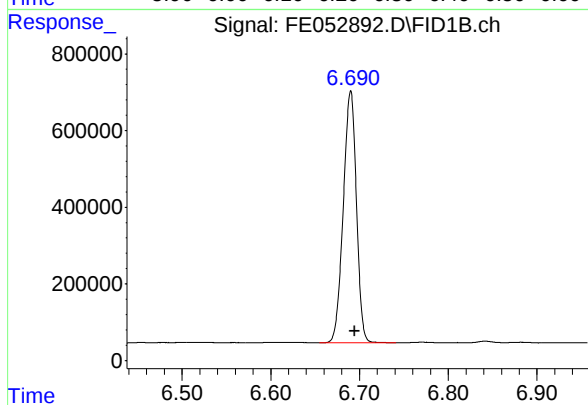
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 6314442
Conc: 40.19 ug/ml



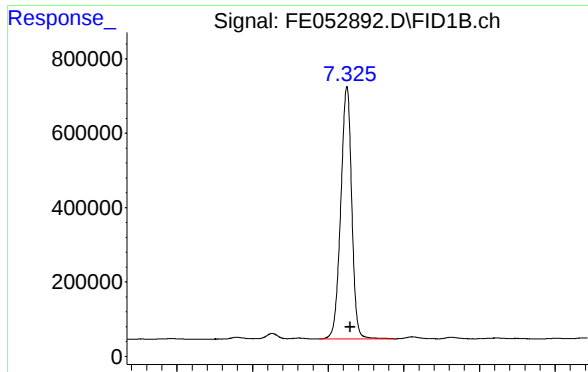
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 7389450
Conc: 43.57 ug/ml



#4 n-Dodecane (C12)

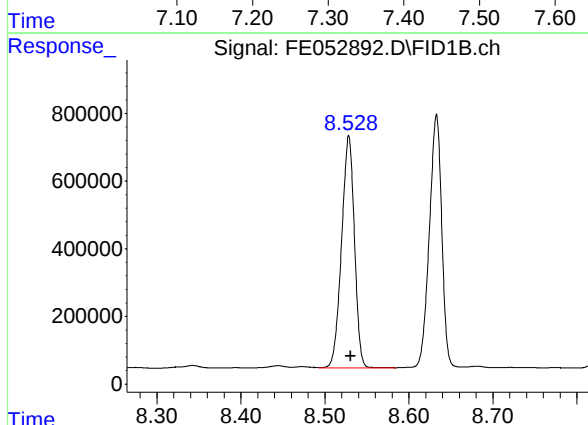
R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 6756294
Conc: 43.39 ug/ml



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

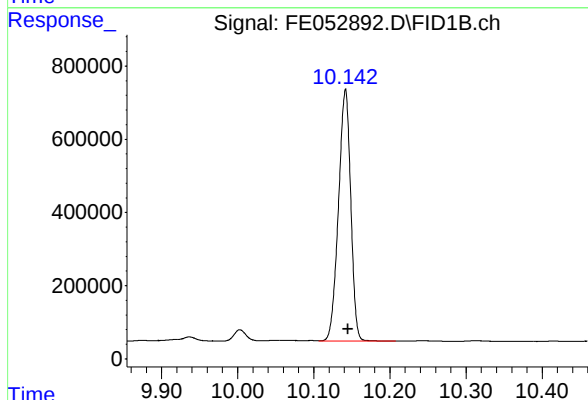
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 6840144
Conc: 42.21 ug/ml

Instrument :
FID_E
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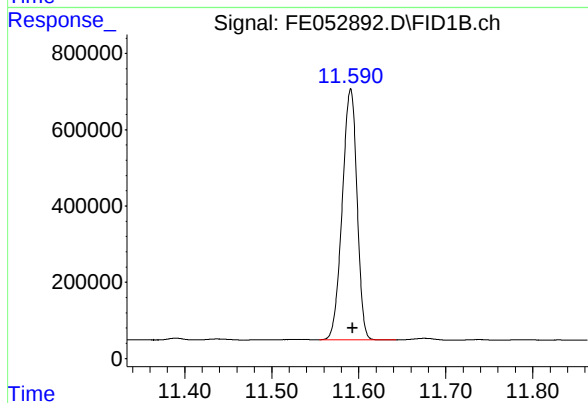
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 7304282
Conc: 48.27 ug/ml



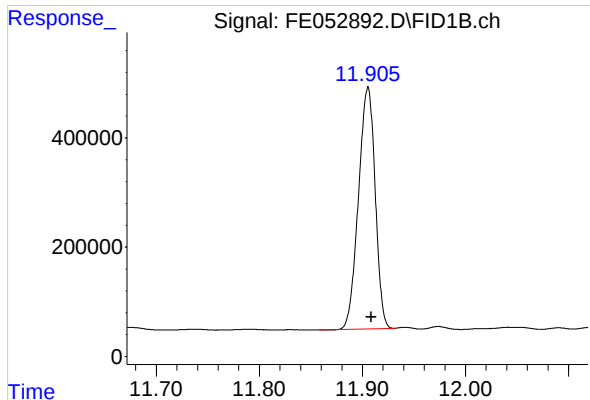
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.003 min
Response: 7690925
Conc: 50.30 ug/ml



#8 n-Octadecane (C18)

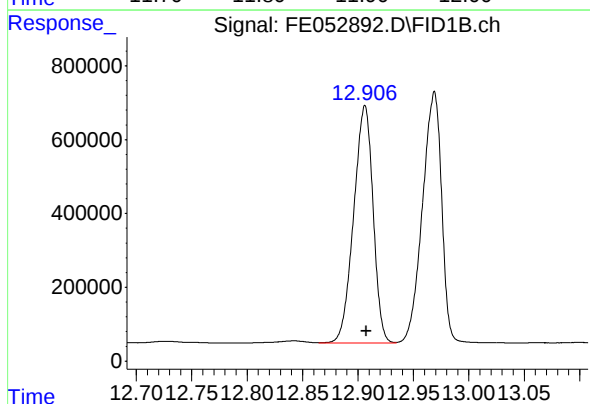
R.T.: 11.591 min
Delta R.T.: -0.003 min
Response: 7763743
Conc: 51.03 ug/ml



#9 ortho-Terphenyl (SURR)

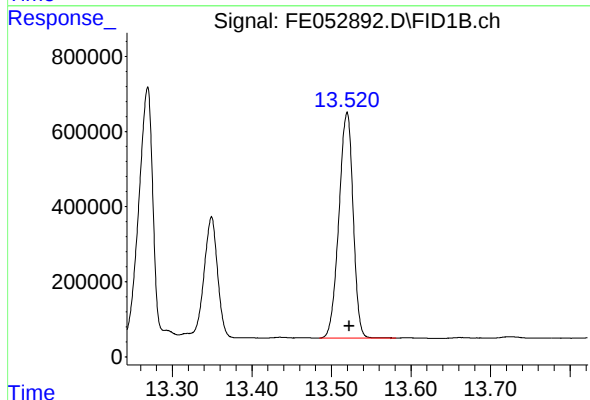
R.T.: 11.905 min
Delta R.T.: -0.003 min
Response: 4976197
Conc: 29.52 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT24743MSD



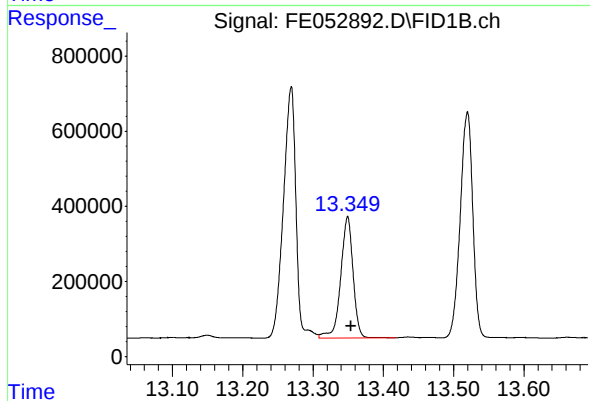
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 7843043
Conc: 54.03 ug/ml



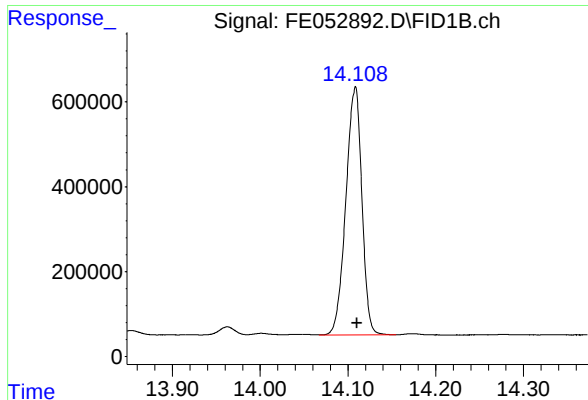
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.003 min
Response: 7455724
Conc: 52.38 ug/ml



#12 1-chlorooctadecane (SURR)

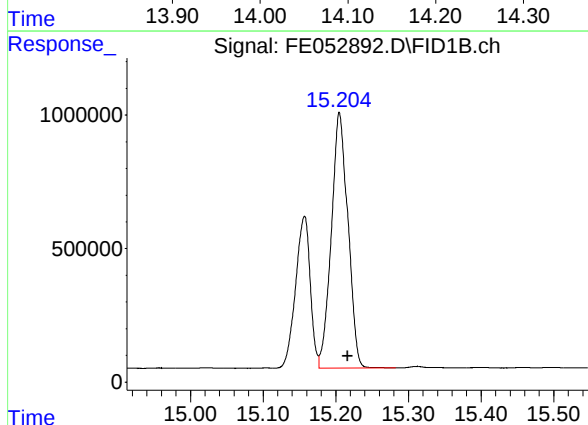
R.T.: 13.349 min
Delta R.T.: -0.005 min
Response: 3953031
Conc: 32.56 ug/ml



#13 n-Docosane (C22)

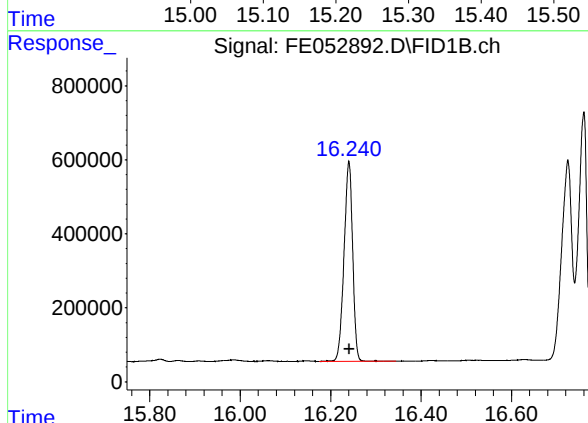
R.T.: 14.108 min
Delta R.T.: -0.002 min
Response: 7413937
Conc: 52.10 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT24743MSD



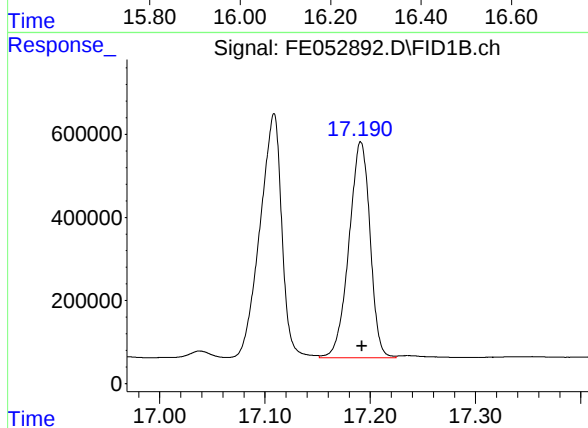
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.011 min
Response: 15166875
Conc: 105.98 ug/ml



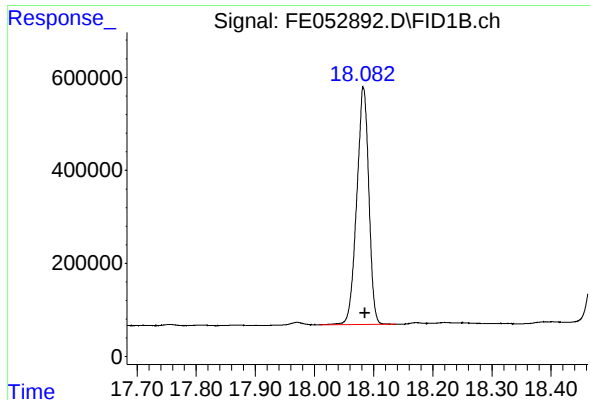
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 7139796
Conc: 50.21 ug/ml



#16 n-Octacosane (C28)

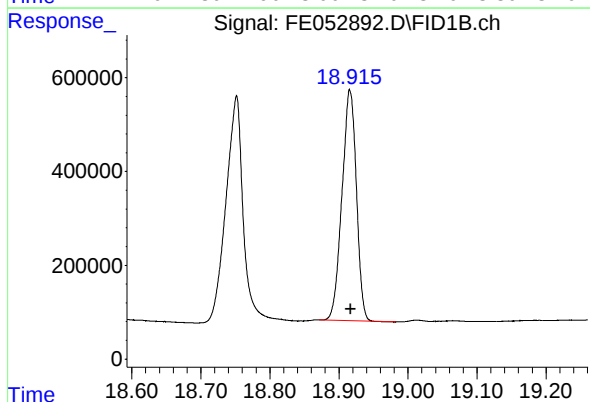
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 7237169
Conc: 50.90 ug/ml



#17 n-Tricontane (C30)

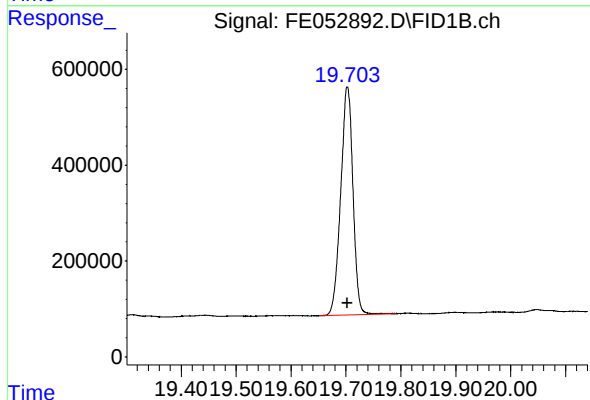
R.T.: 18.083 min
Delta R.T.: -0.002 min
Response: 7252162
Conc: 49.10 ug/ml

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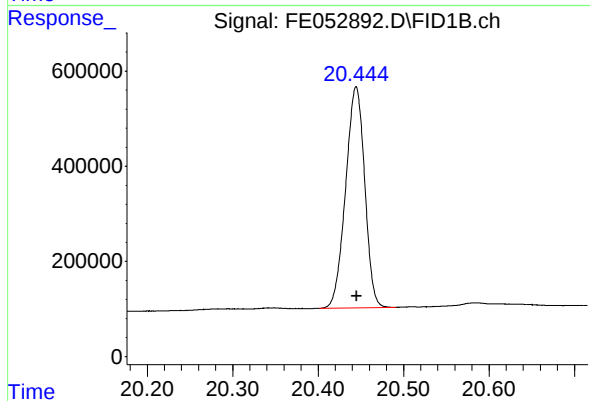
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 7134966
Conc: 49.15 ug/ml



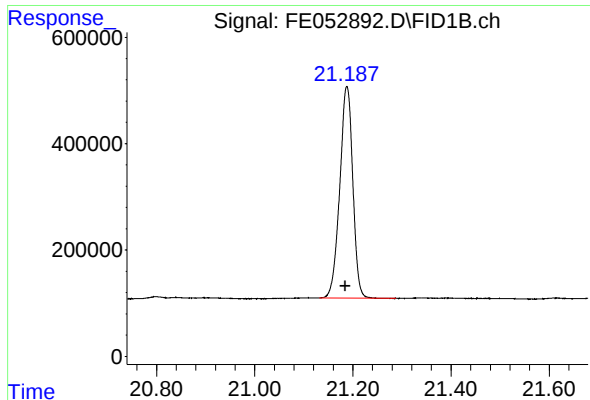
#19 n-Tetatriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 7375891
Conc: 54.73 ug/ml



#20 n-Hexatriacontane (C36)

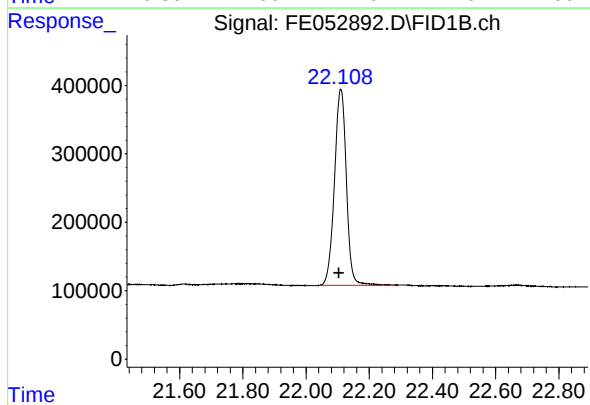
R.T.: 20.444 min
Delta R.T.: 0.000 min
Response: 7217987
Conc: 60.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.003 min
Response: 7335538
Conc: 66.12 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT24743MSD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.006 min
Response: 7492543
Conc: 69.30 ug/ml