

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015159.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 15:13
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 10 16:51:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:48:15 2024
 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)	11.923	6575294	49.686 ug/ml
Spiked Amount 50.000		Recovery =	99.37%
12) S 1-chlorooctadecane (S...	13.357	4596613	49.730 ug/ml
Spiked Amount 50.000		Recovery =	99.46%
Target Compounds			
1) T n-Nonane (C9)	3.319	6023959	49.763 ug/ml
2) T n-Decane (C10)	4.569	6127647	49.761 ug/ml
3) T A~Naphthalene (C11.7)	6.268	6517367	49.736 ug/ml
4) T n-Dodecane (C12)	6.729	6156948	49.785 ug/ml
5) T A~2-methylnaphthalene...	7.361	6210867	49.835 ug/ml
6) T n-Tetradecane (C14)	8.554	6082657	49.806 ug/ml
7) T n-Hexadecane (C16)	10.161	6221578	49.847 ug/ml
8) T n-Octadecane (C18)	11.604	6244810	49.792 ug/ml
10) T n-Eicosane (C20)	12.912	5838930	49.727 ug/ml
11) T n-Heneicosane (C21)	13.524	5696895	49.719 ug/ml
13) T n-Docosane (C22)	14.111	5618718	49.676 ug/ml
14) T n-Tetracosane (C24)	15.213	5543585	49.530 ug/ml
15) T n-Hexacosane (C26)	16.234	5377758	49.652 ug/ml
16) T n-Octacosane (C28)	17.184	5239933	49.617 ug/ml
17) T n-Tricontane (C30)	18.072	5255193	49.522 ug/ml
18) T n-Dotriacontane (C32)	18.904	5008874	49.528 ug/ml
19) T n-Tetratriacontane (C34)	19.687	4376266	49.601 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3659858	49.661 ug/ml
21) T n-Octatriacontane (C38)	21.162	3206351	49.679 ug/ml
22) T n-Tetracontane (C40)	22.068	2672503	49.305 ug/ml

(f)=RT Delta > 1/2 Window

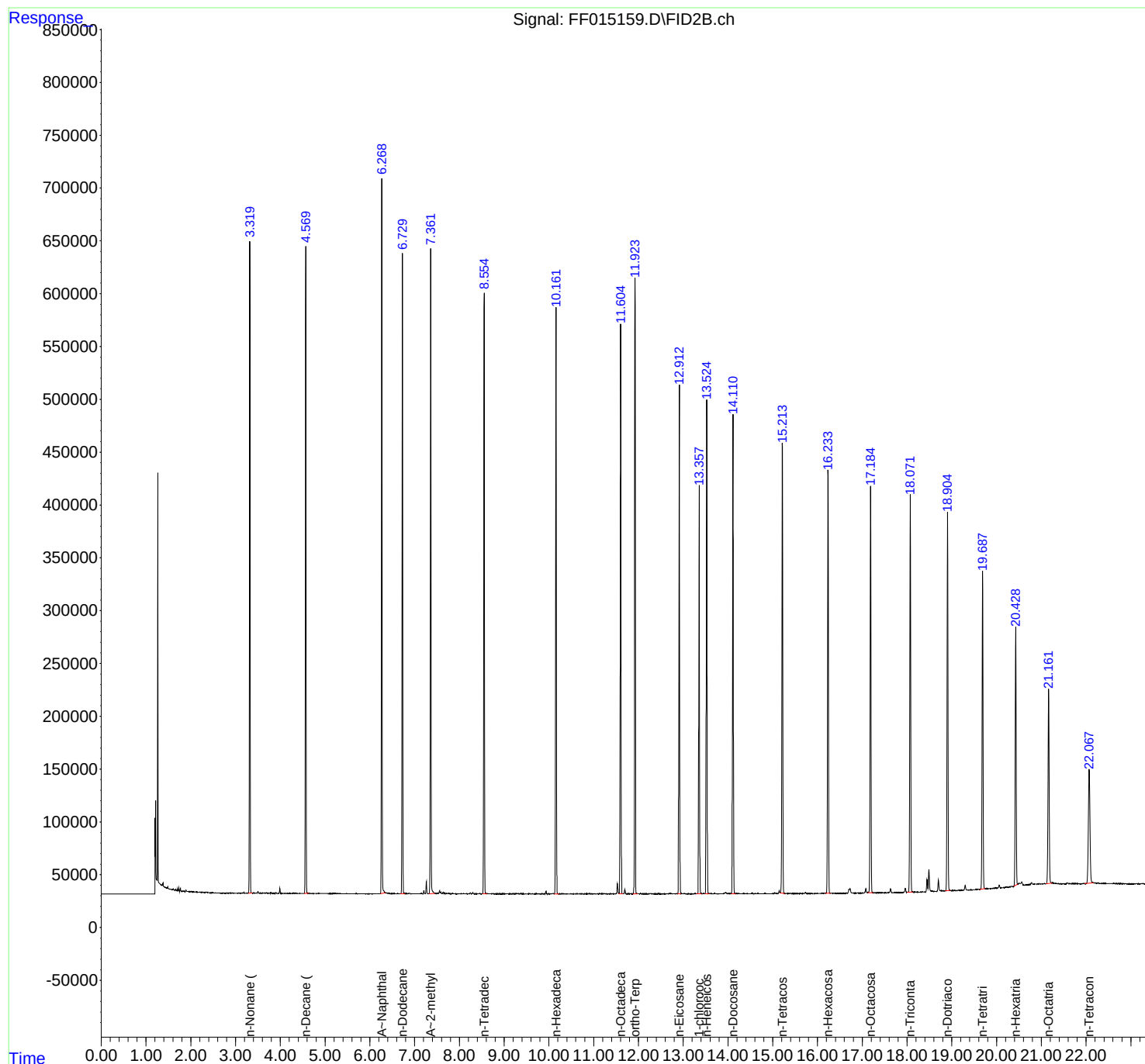
(m)=manual int.

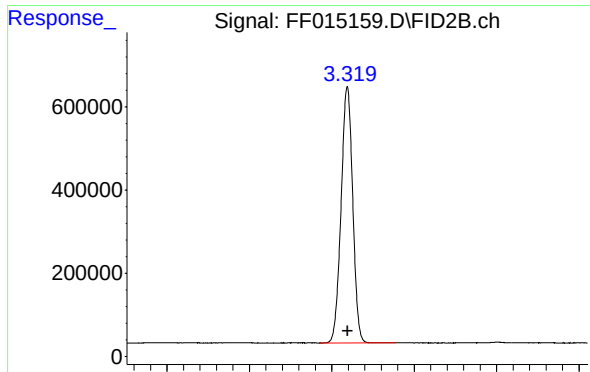
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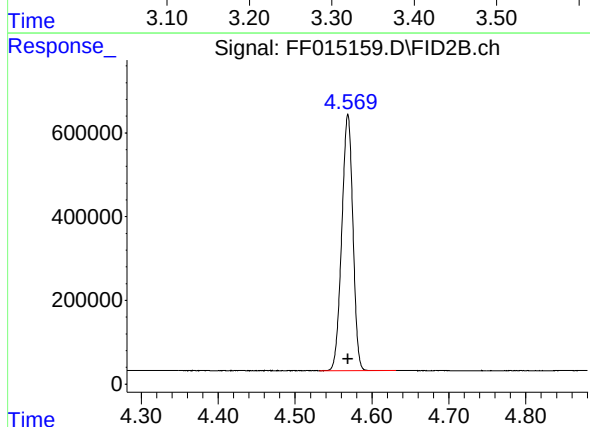




#1 n-Nonane (C9)

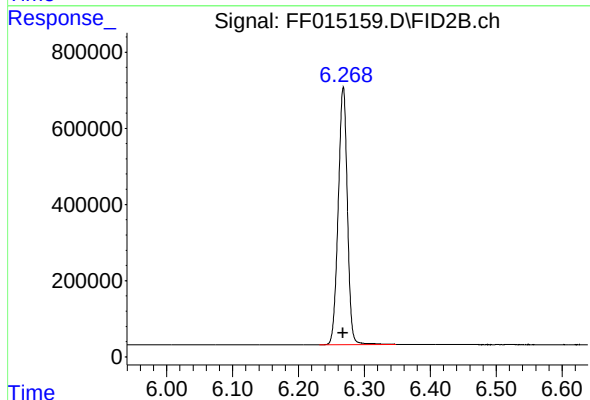
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 6023959
Conc: 49.76 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



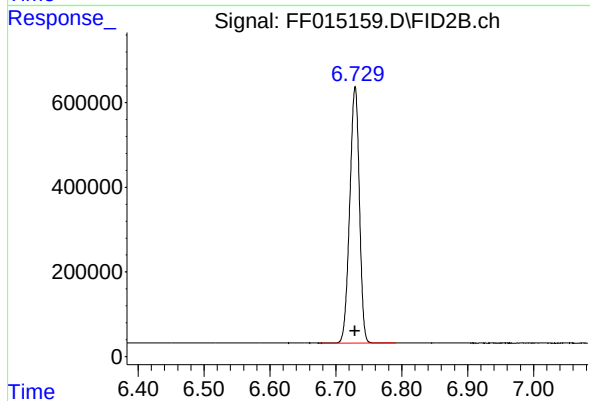
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 6127647
Conc: 49.76 ug/ml



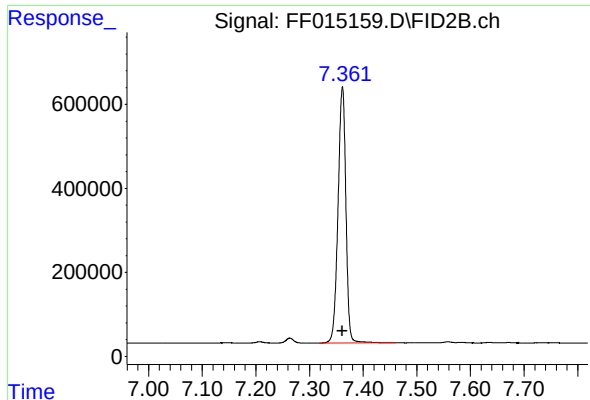
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 6517367
Conc: 49.74 ug/ml



#4 n-Dodecane (C12)

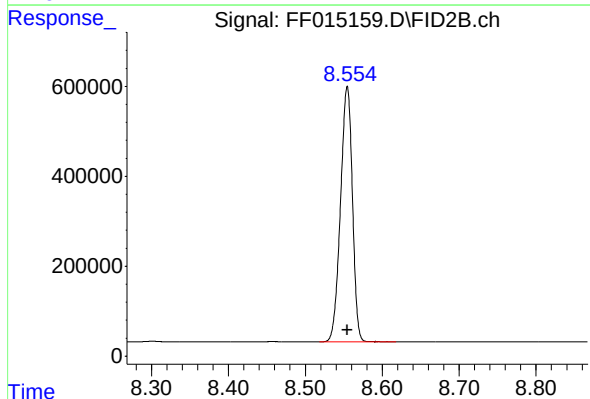
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 6156948
Conc: 49.78 ug/ml



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

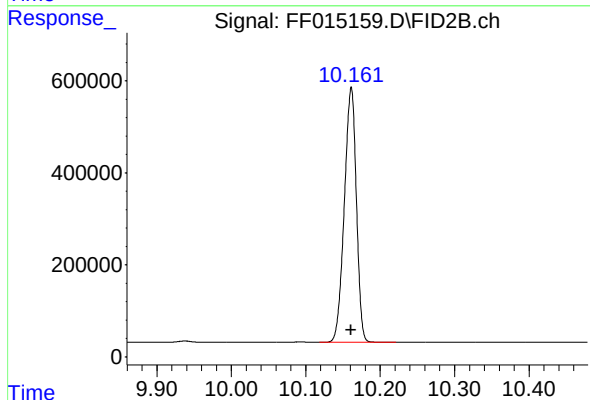
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 6210867
Conc: 49.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



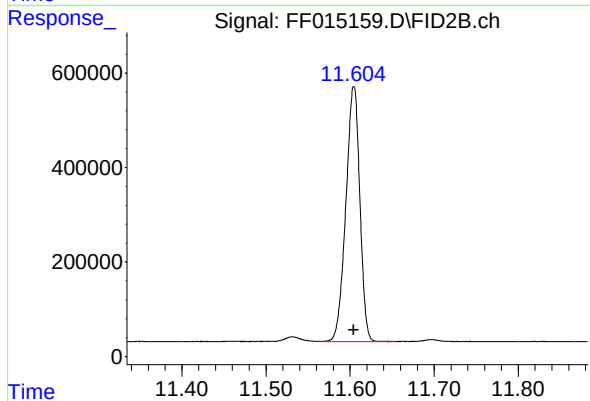
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 6082657
Conc: 49.81 ug/ml



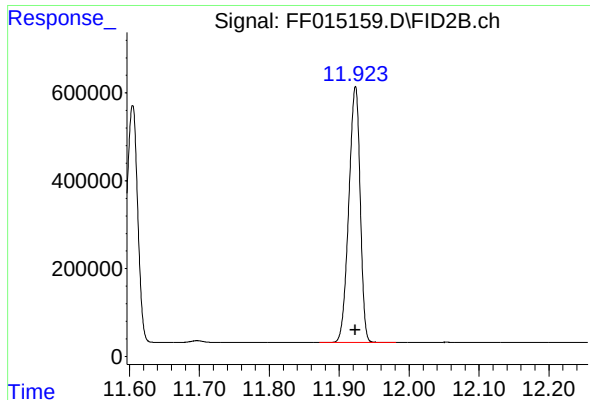
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 6221578
Conc: 49.85 ug/ml



#8 n-Octadecane (C18)

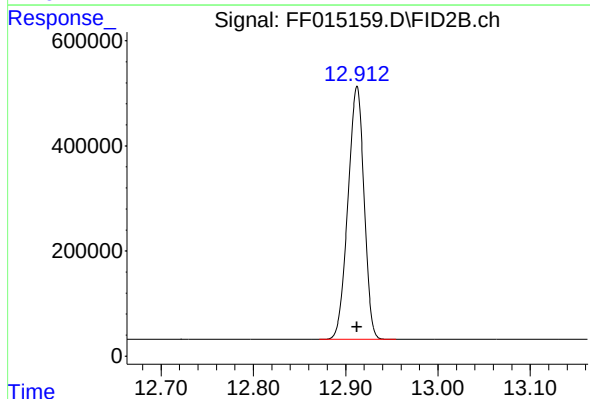
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 6244810
Conc: 49.79 ug/ml



#9 ortho-Terphenyl (SURR)

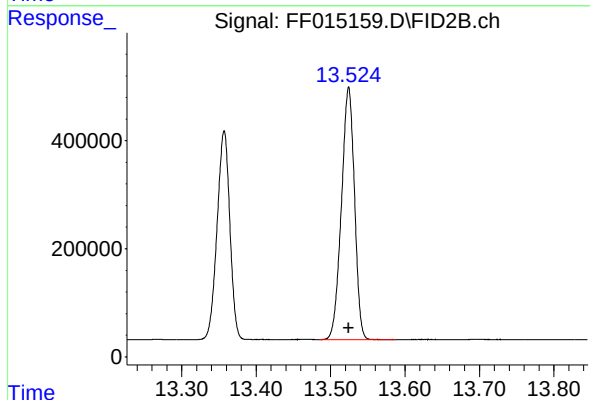
R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 6575294
Conc: 49.69 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



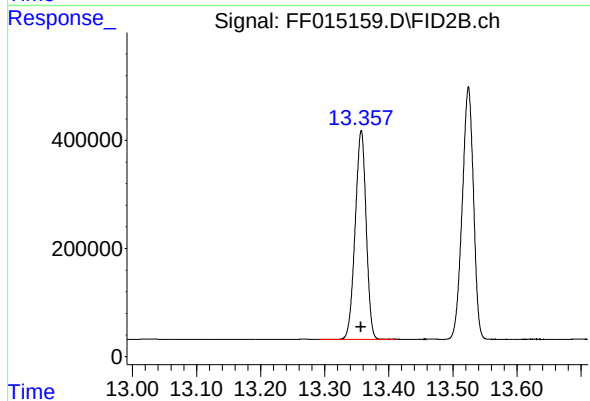
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.000 min
Response: 5838930
Conc: 49.73 ug/ml



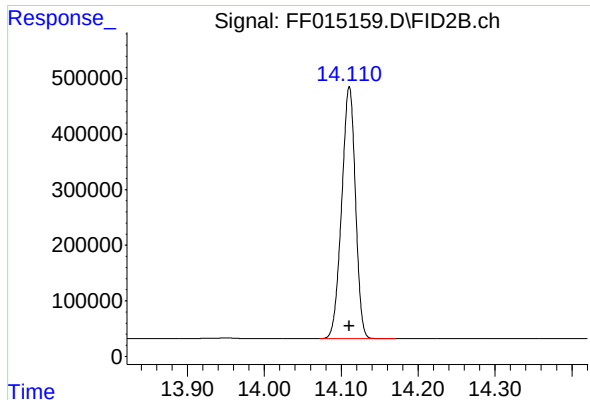
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.000 min
Response: 5696895
Conc: 49.72 ug/ml



#12 1-chlorooctadecane (SURR)

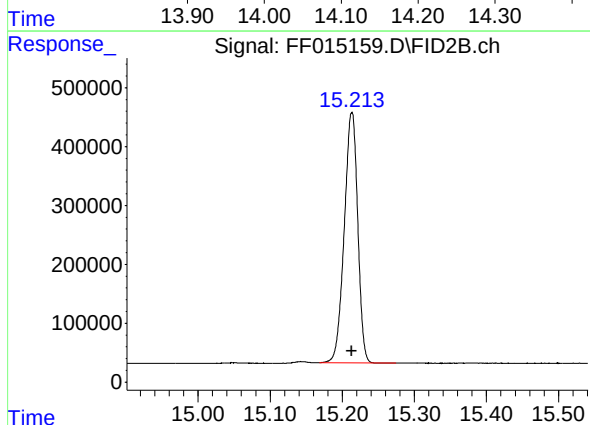
R.T.: 13.357 min
Delta R.T.: 0.000 min
Response: 4596613
Conc: 49.73 ug/ml



#13 n-Docosane (C22)

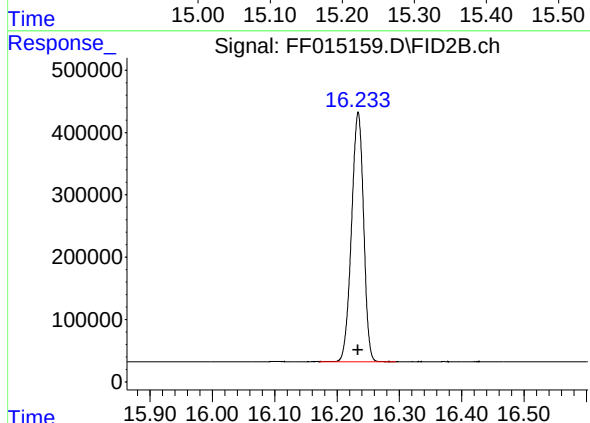
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 5618718
Conc: 49.68 ug/ml

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2



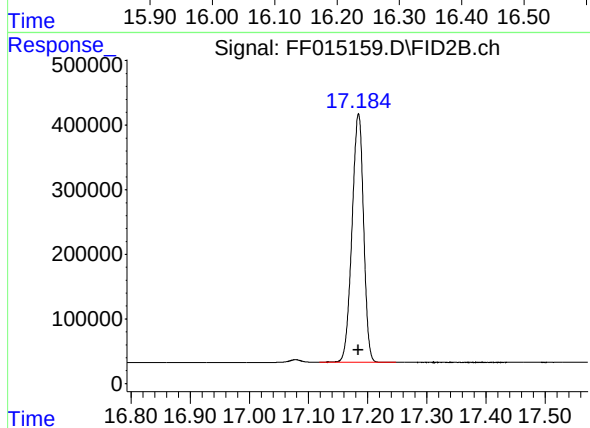
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.000 min
Response: 5543585
Conc: 49.53 ug/ml



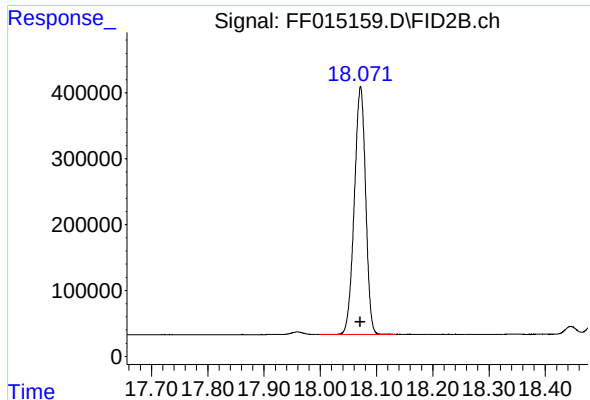
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.000 min
Response: 5377758
Conc: 49.65 ug/ml



#16 n-Octacosane (C28)

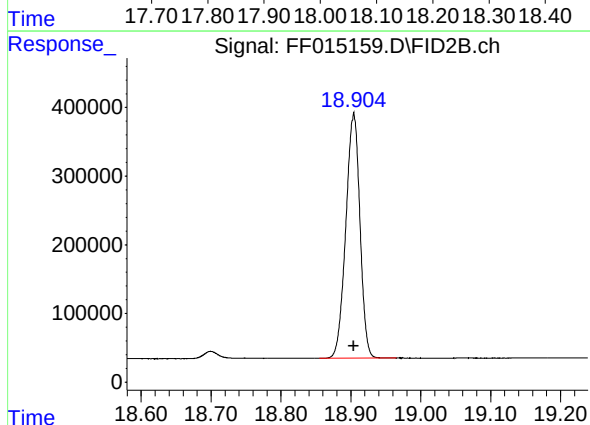
R.T.: 17.184 min
Delta R.T.: 0.000 min
Response: 5239933
Conc: 49.62 ug/ml



#17 n-Tricontane (C30)

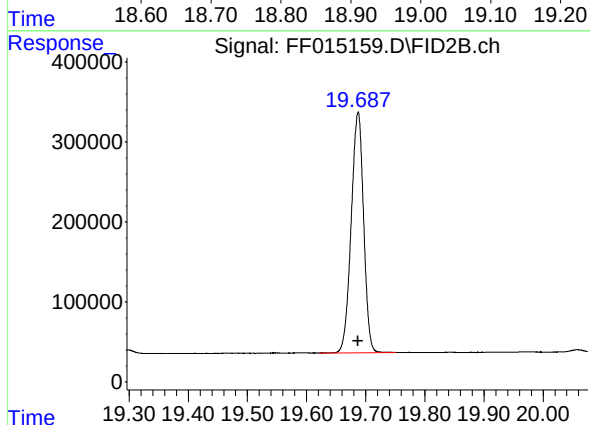
R.T.: 18.072 min
Delta R.T.: 0.000 min
Response: 5255193
Conc: 49.52 ug/ml

Instrument :
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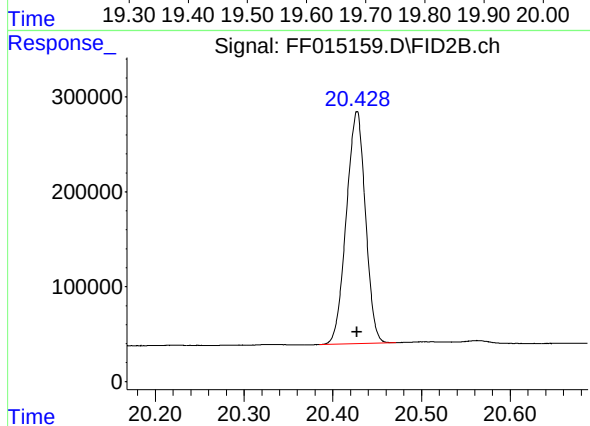
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 5008874
Conc: 49.53 ug/ml



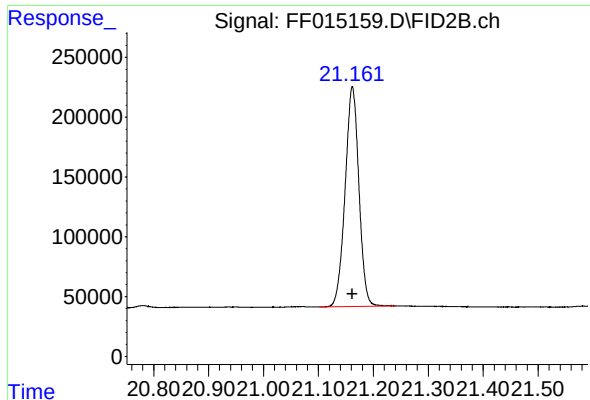
#19 n-Tetatriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 4376266
Conc: 49.60 ug/ml



#20 n-Hexatriacontane (C36)

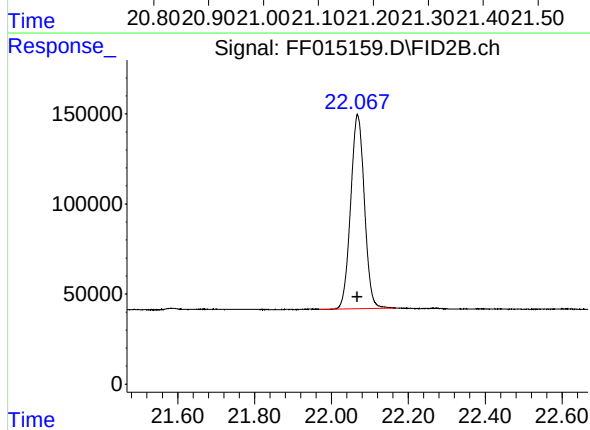
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 3659858
Conc: 49.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 3206351
Conc: 49.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: 0.000 min
Response: 2672503
Conc: 49.31 ug/ml