

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042931.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2023 20:19
 Operator : YP\AJ
 Sample : 03402-05MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP3-0623MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 01:19:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.919	5315702	28.936 ug/ml
Spiked Amount 50.000		Recovery =	57.87%
12) S 1-chlorooctadecane (S...	13.356	4381677	32.197 ug/ml
Spiked Amount 50.000		Recovery =	64.39%
Target Compounds			
1) T n-Nonane (C9)	3.297	3745705	24.249 ug/ml
2) T n-Decane (C10)	4.549	4241300	26.851 ug/ml
3) T A~Naphthalene (C11.7)	6.258	5075026	29.972 ug/ml
4) T n-Dodecane (C12)	6.718	4770124	29.801 ug/ml
5) T A~2-methylnaphthalene...	7.355	5150089	31.764 ug/ml
6) T n-Tetradecane (C14)	8.549	5152136	32.373 ug/ml
7) T n-Hexadecane (C16)	10.156	5486352	33.311 ug/ml
8) T n-Octadecane (C18)	11.601	5876314	35.353 ug/ml
10) T n-Eicosane (C20)	12.911	5720563	36.051 ug/ml
11) T n-Heneicosane (C21)	13.523	5595079	36.164 ug/ml
13) T n-Docosane (C22)	14.109	5549693	36.432 ug/ml
14) T n-Tetracosane (C24)	15.206	10565192	71.207 ug/ml
15) T n-Hexacosane (C26)	16.236	5235298	36.620 ug/ml
16) T n-Octacosane (C28)	17.185	5196730	37.469 ug/ml
17) T n-Tricontane (C30)	18.074	5140402	36.346 ug/ml
18) T n-Dotriacontane (C32)	18.905	4989216	35.571 ug/ml
19) T n-Tetratriacontane (C34)	19.689	5107301	37.322 ug/ml
20) T n-Hexatriacontane (C36)	20.430	4730563	35.372 ug/mlm
21) T n-Octatriacontane (C38)	21.173	4560584	33.450 ug/ml
22) T n-Tetracontane (C40)	22.094	4847524	34.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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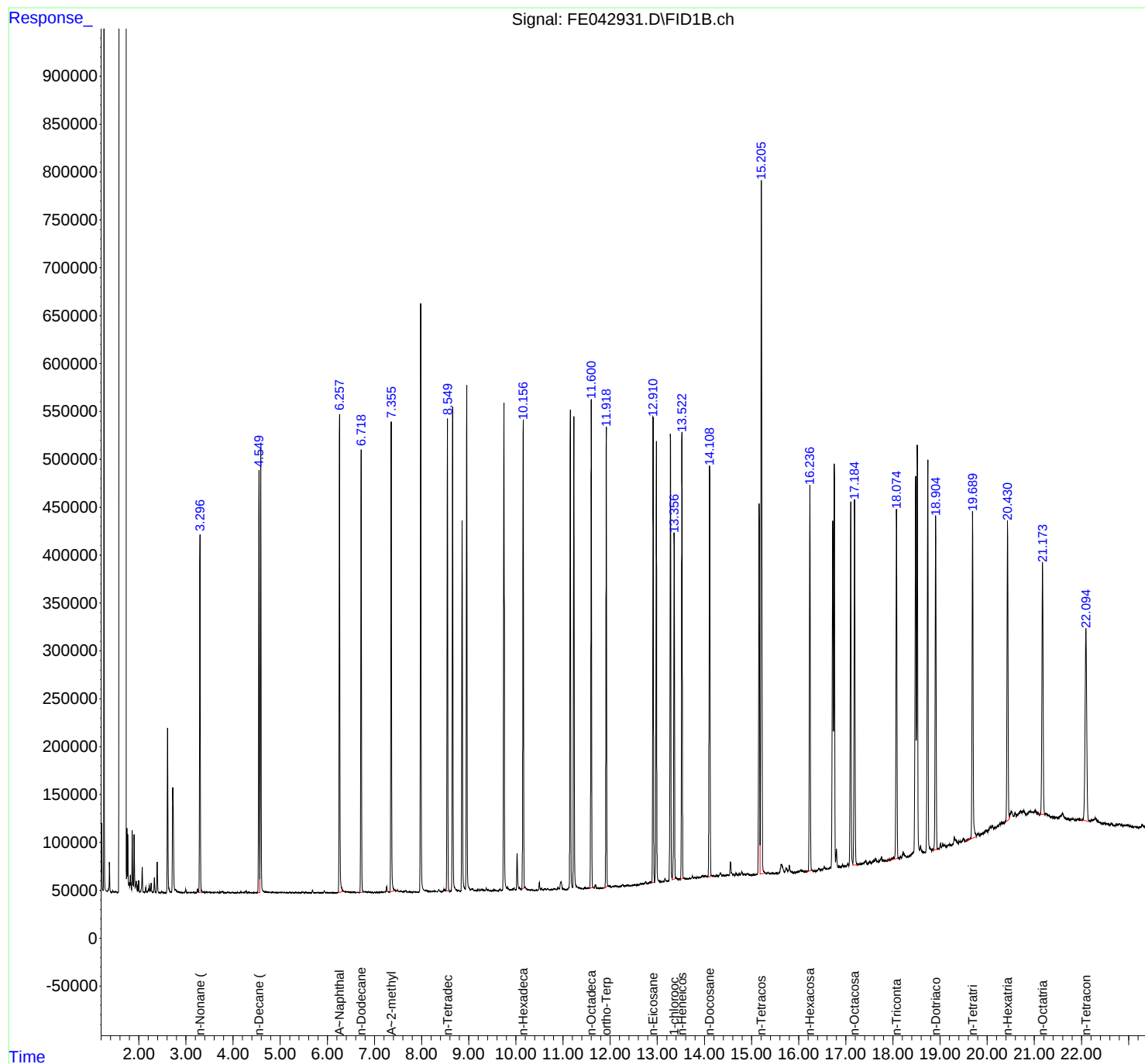
Instrument :
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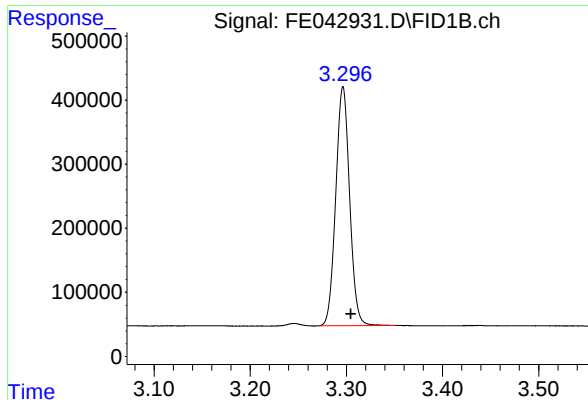
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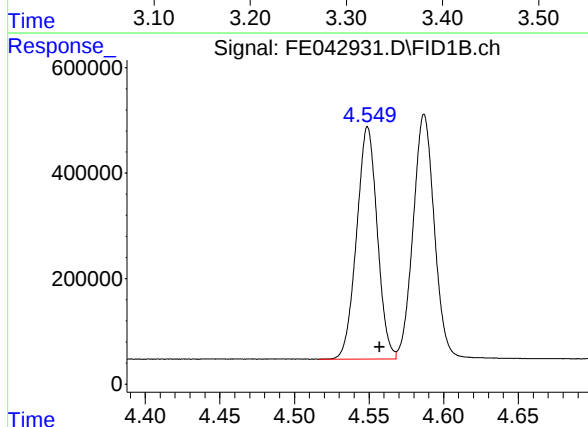
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 3745705
Conc: 24.25 ug/ml

Instrument :
FID_E
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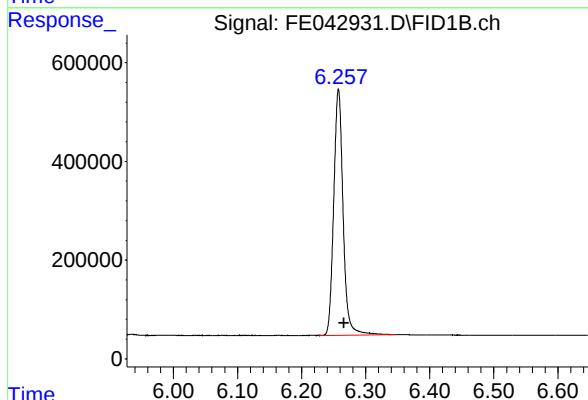
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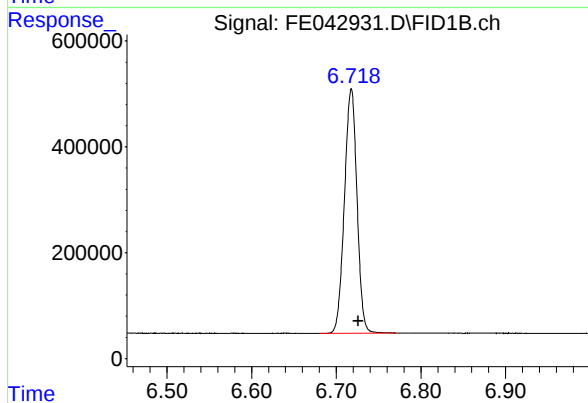
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 4241300
Conc: 26.85 ug/ml



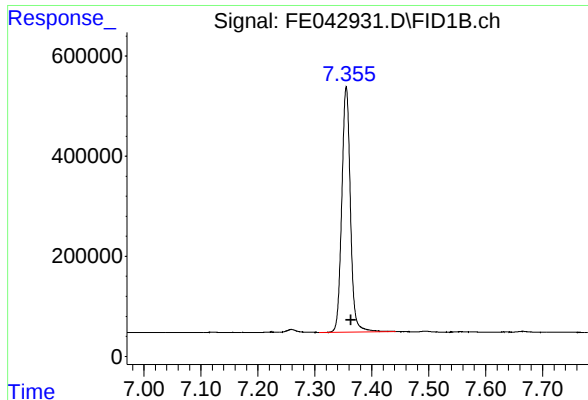
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.009 min
Response: 5075026
Conc: 29.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 4770124
Conc: 29.80 ug/ml



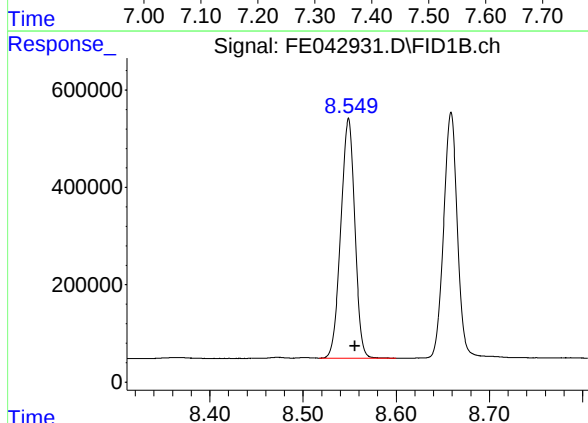
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: -0.008 min
Response: 5150089
Conc: 31.76 ug/ml

Instrument :
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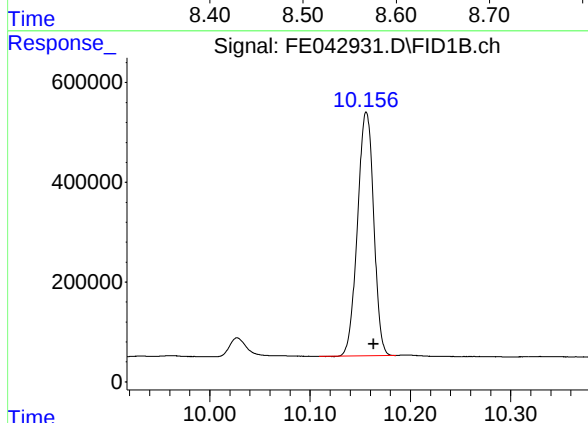
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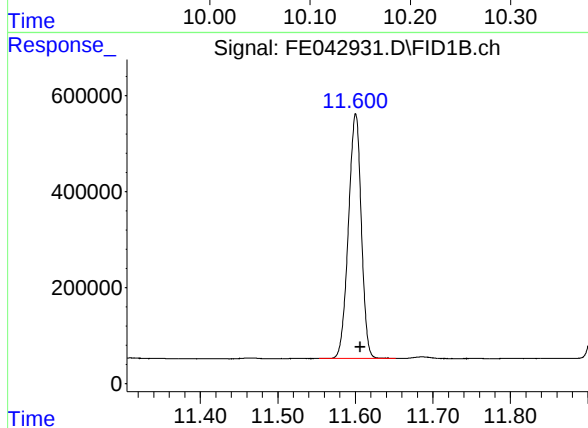
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.007 min
Response: 5152136
Conc: 32.37 ug/ml



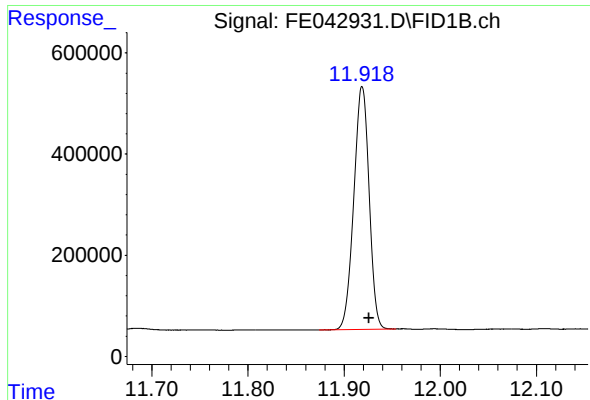
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.007 min
Response: 5486352
Conc: 33.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.006 min
Response: 5876314
Conc: 35.35 ug/ml



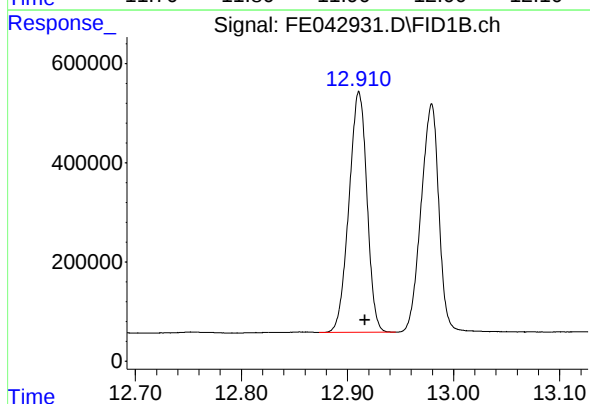
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 5315702
Conc: 28.94 ug/ml

Instrument :
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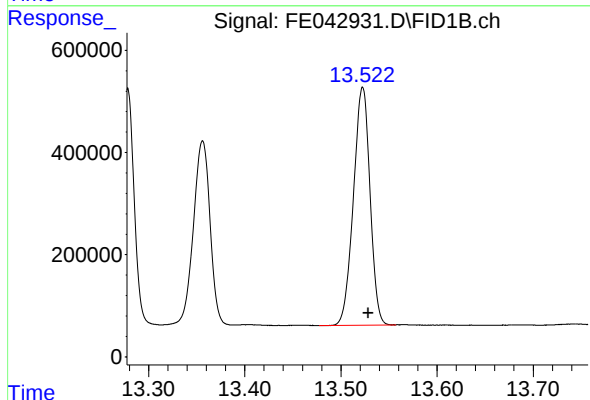
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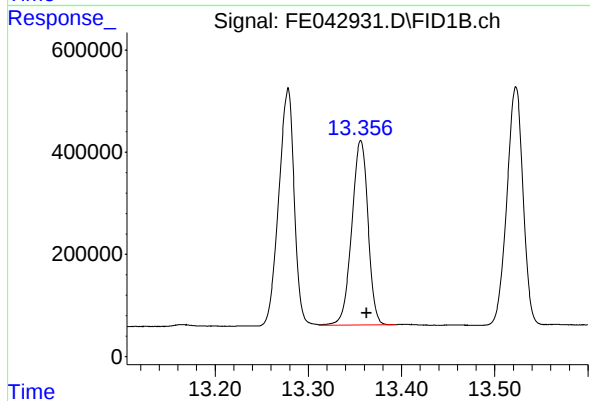
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.005 min
Response: 5720563
Conc: 36.05 ug/ml



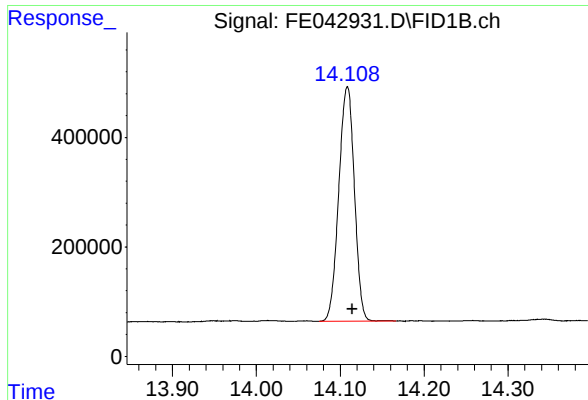
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.006 min
Response: 5595079
Conc: 36.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.006 min
Response: 4381677
Conc: 32.20 ug/ml



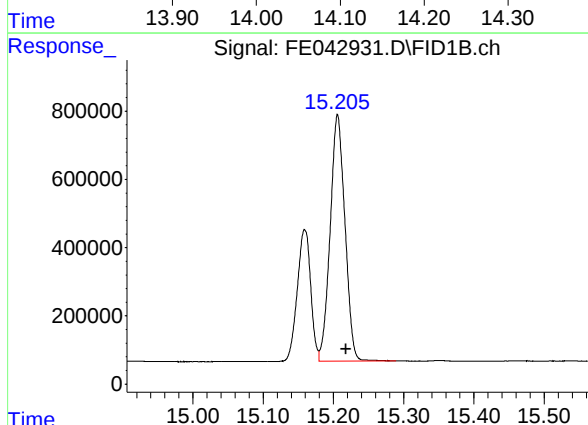
#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: -0.006 min
Response: 5549693
Conc: 36.43 ug/ml

Instrument :
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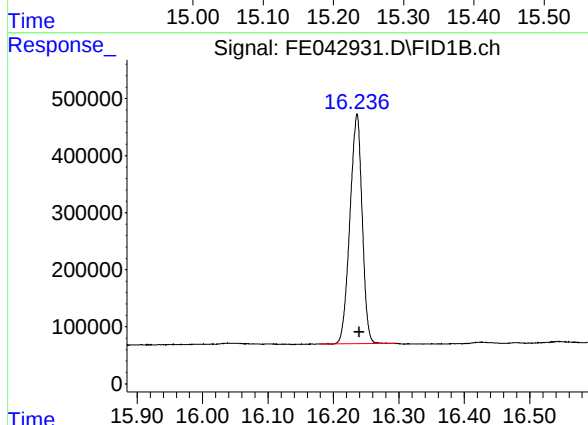
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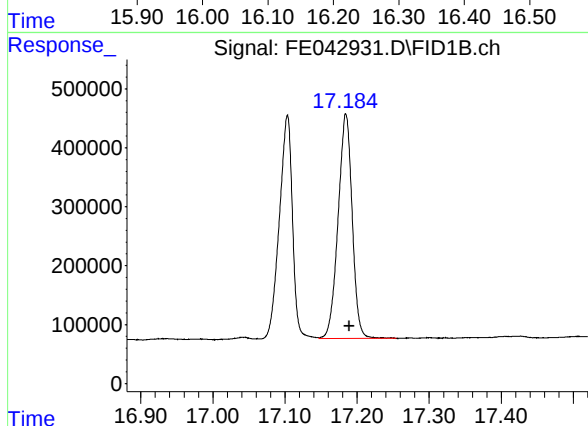
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.012 min
Response: 10565192
Conc: 71.21 ug/ml



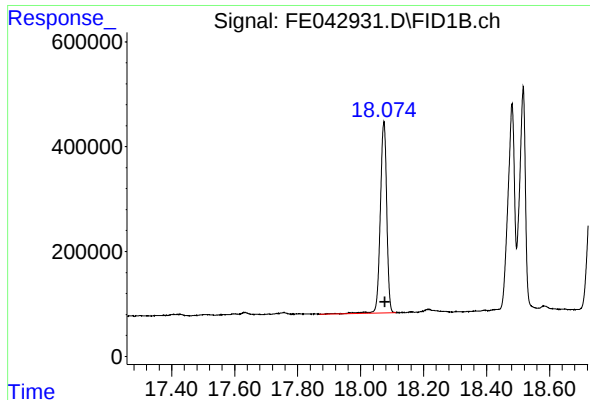
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 5235298
Conc: 36.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.005 min
Response: 5196730
Conc: 37.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: -0.003 min
Response: 5140402
Conc: 36.35 ug/ml

Instrument :

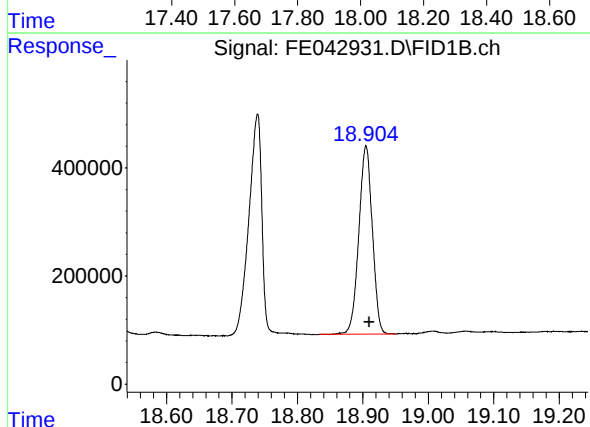
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ClientSampleId :

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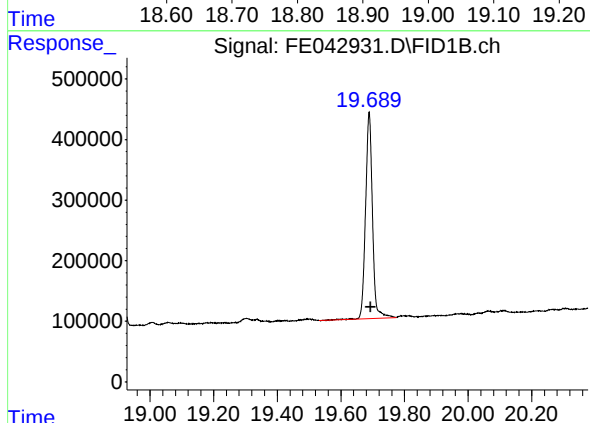
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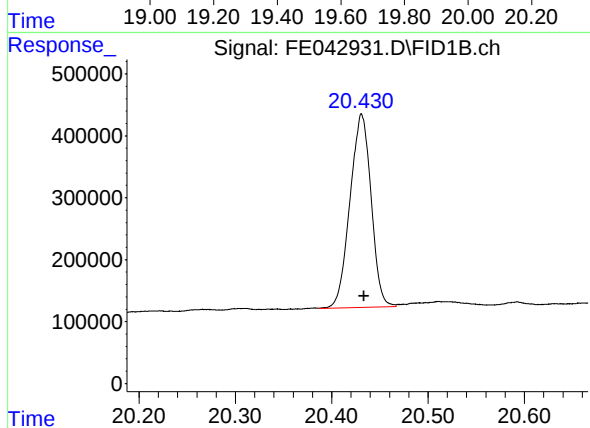
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.005 min
Response: 4989216
Conc: 35.57 ug/ml



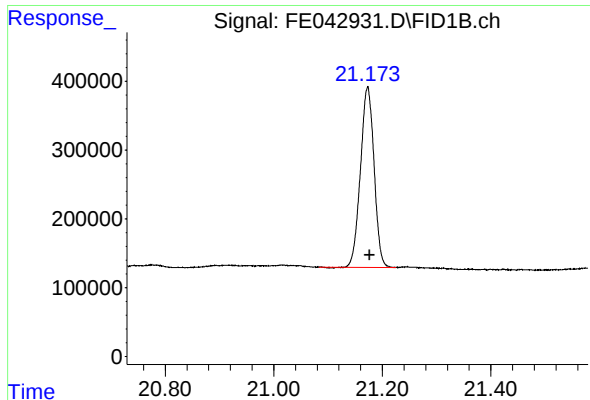
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.004 min
Response: 5107301
Conc: 37.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.003 min
Response: 4730563
Conc: 35.37 ug/ml m



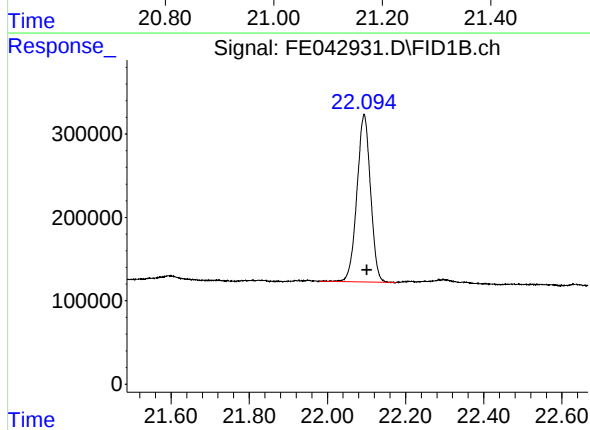
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.004 min
Response: 4560584
Conc: 33.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.007 min
Response: 4847524
Conc: 34.84 ug/ml