

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046343.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 17:33
 Operator : YP\AJ
 Sample : P1203-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11977MSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 01/23/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 23 00:34:42 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.828	7127253	39.220 ug/ml
Spiked Amount 50.000		Recovery =	78.44%
12) S 1-chlorooctadecane (S...	13.269	6063826	45.384 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
Target Compounds			
1) T n-Nonane (C9)	3.215	4486834	29.317 ug/ml
2) T n-Decane (C10)	4.465	5033958	32.436 ug/ml
3) T A~Naphthalene (C11.7)	6.167	6094835	36.648 ug/ml
4) T n-Dodecane (C12)	6.632	5836446	37.380 ug/ml
5) T A~2-methylnaphthalene...	7.263	6354270	39.911 ug/ml
6) T n-Tetradecane (C14)	8.459	7033863	45.155 ug/ml
7) T n-Hexadecane (C16)	10.068	7321904	46.237 ug/ml
8) T n-Octadecane (C18)	11.514	7478056	47.512 ug/ml
10) T n-Eicosane (C20)	12.825	7567252	50.022 ug/ml
11) T n-Heneicosane (C21)	13.437	7328664	49.838 ug/ml
13) T n-Docosane (C22)	14.024	7126258	48.753 ug/ml
14) T n-Tetracosane (C24)	15.127	15428561	106.380 ug/ml
15) T n-Hexacosane (C26)	16.153	6494646	45.301 ug/ml
16) T n-Octacosane (C28)	17.103	8044794	56.093 ug/ml
17) T n-Tricontane (C30)	17.996	6258122	42.103 ug/ml
18) T n-Dotriacontane (C32)	18.830	6754025	45.159 ug/ml
19) T n-Tetratriacontane (C34)	19.617	6194884	43.243 ug/ml
20) T n-Hexatriacontane (C36)	20.360	5991431	41.093 ug/ml
21) T n-Octatriacontane (C38)	21.088	6063619	41.121 ug/ml
22) T n-Tetracontane (C40)	21.983	6016834	38.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1203-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

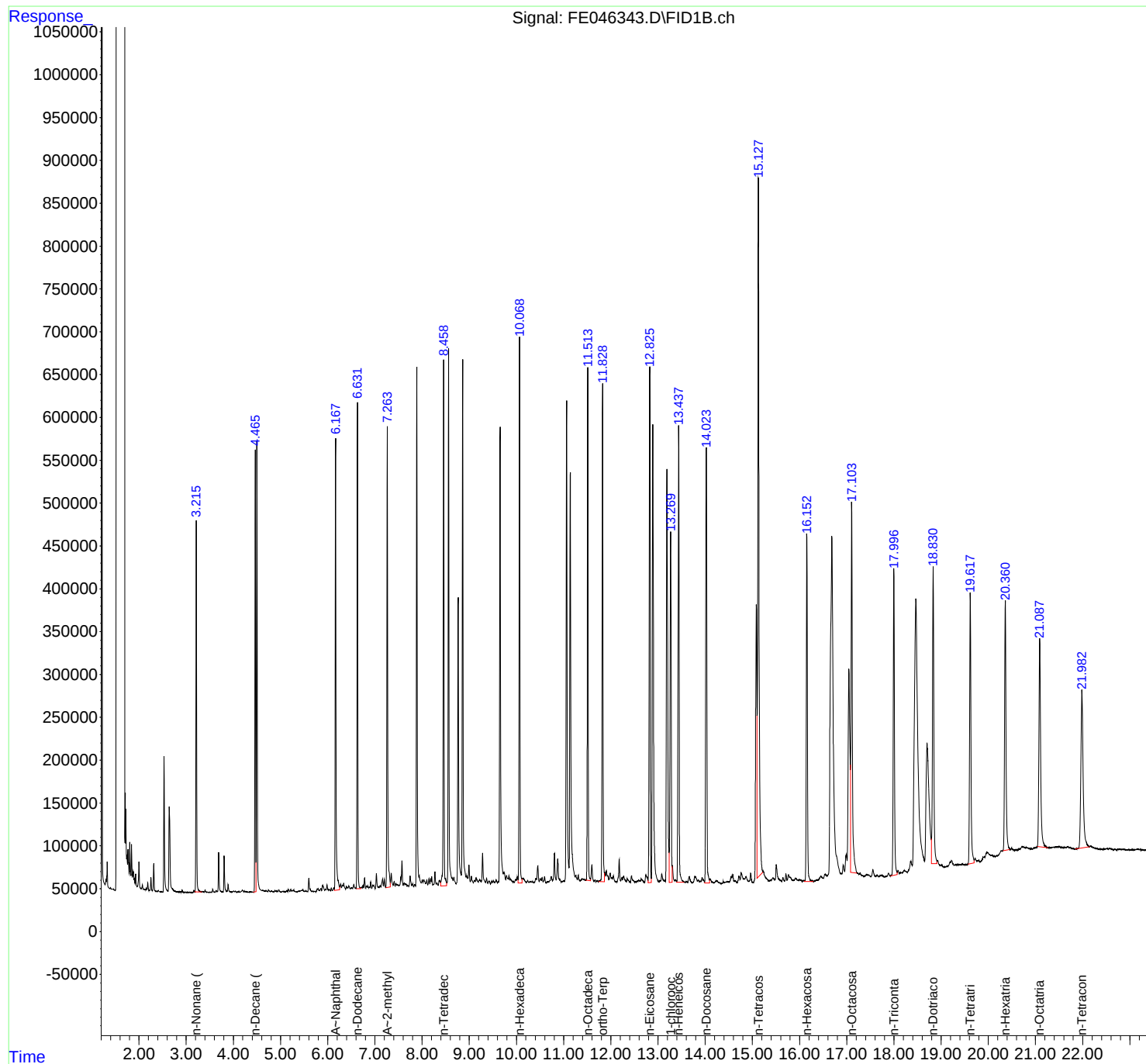
Instrument :
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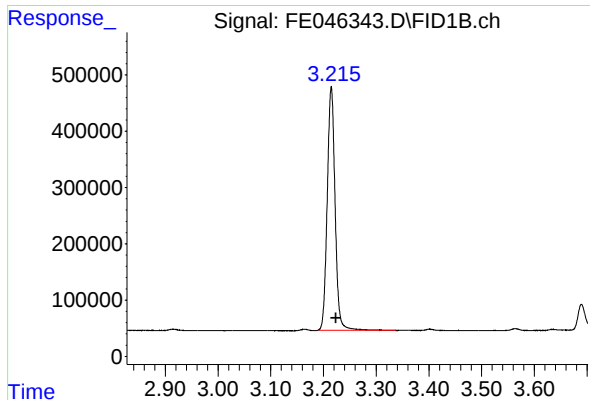
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





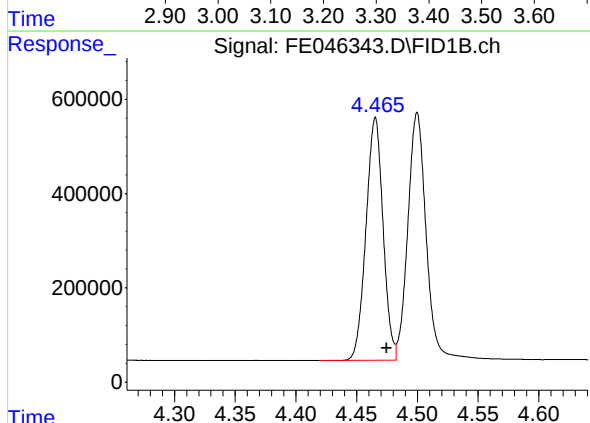
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 4486834
Conc: 29.32 ug/ml

Instrument :
FID_E
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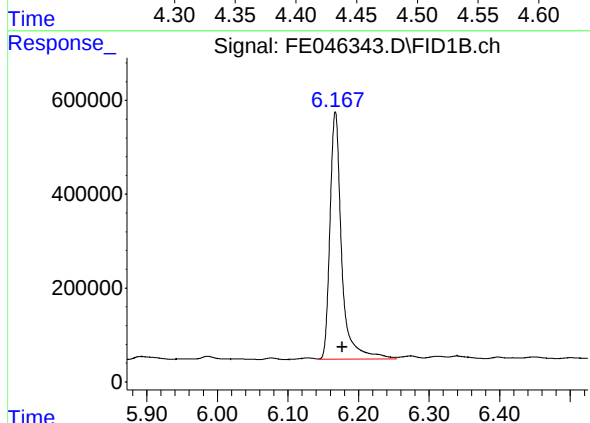
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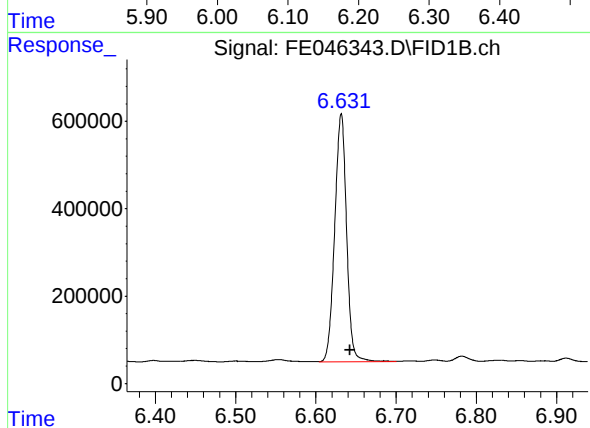
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.009 min
Response: 5033958
Conc: 32.44 ug/ml



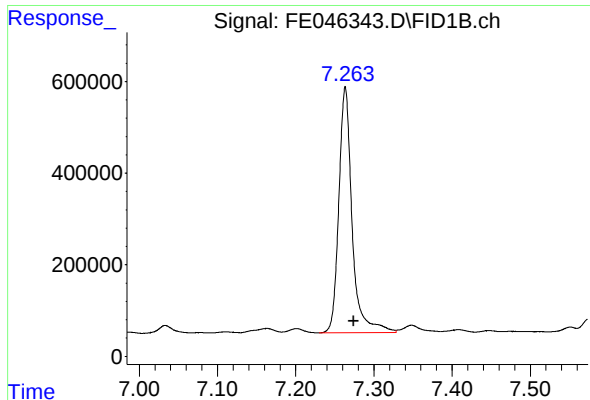
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 6094835
Conc: 36.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 5836446
Conc: 37.38 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 6354270
Conc: 39.91 ug/ml

Instrument :

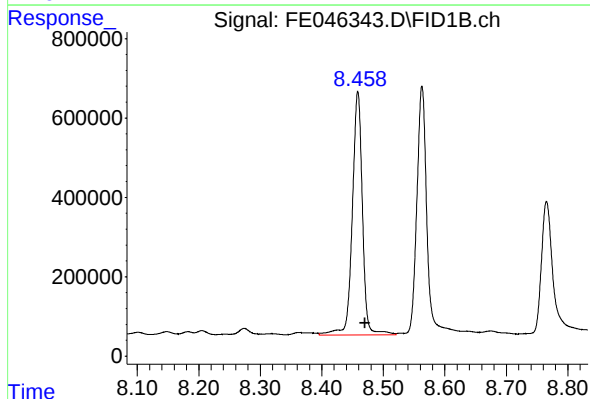
FID_E

ClientSampleId :

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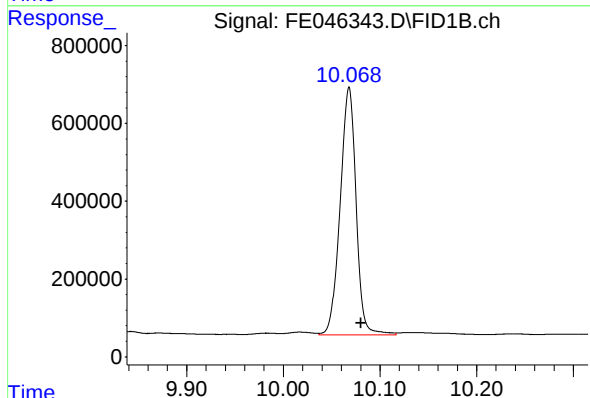
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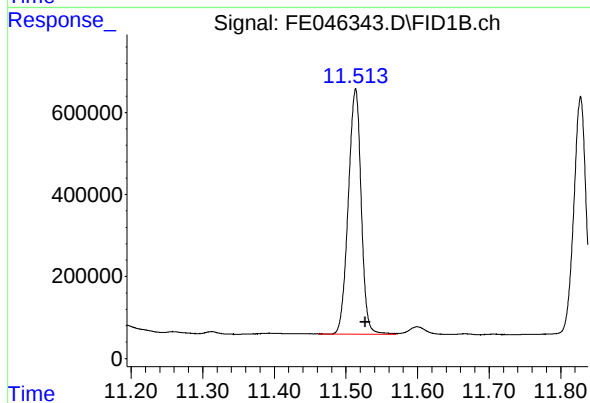
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 7033863
Conc: 45.15 ug/ml



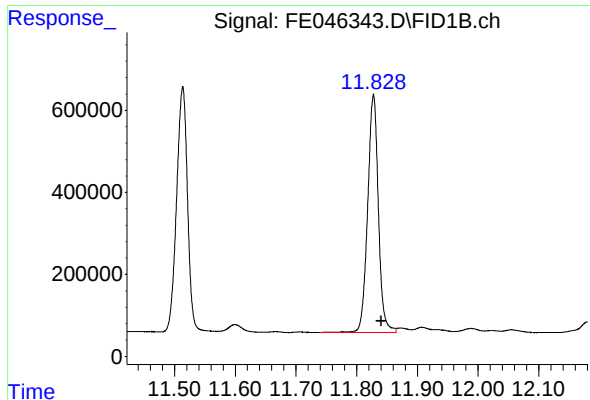
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 7321904
Conc: 46.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7478056
Conc: 47.51 ug/ml



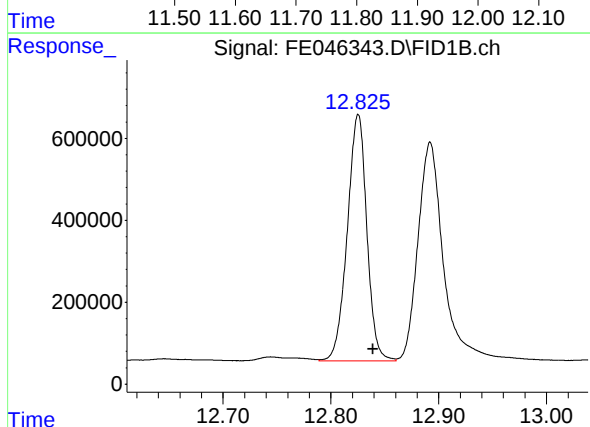
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 7127253
Conc: 39.22 ug/ml

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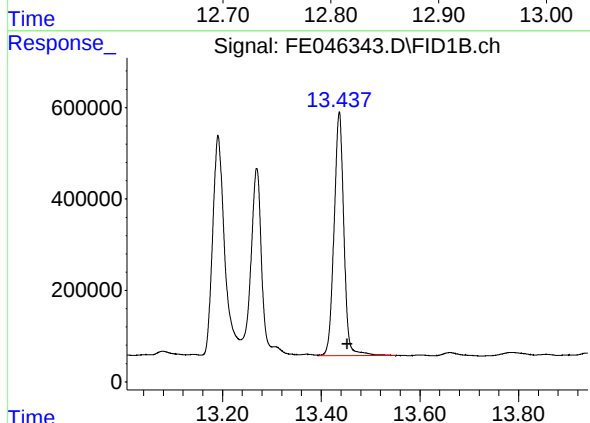
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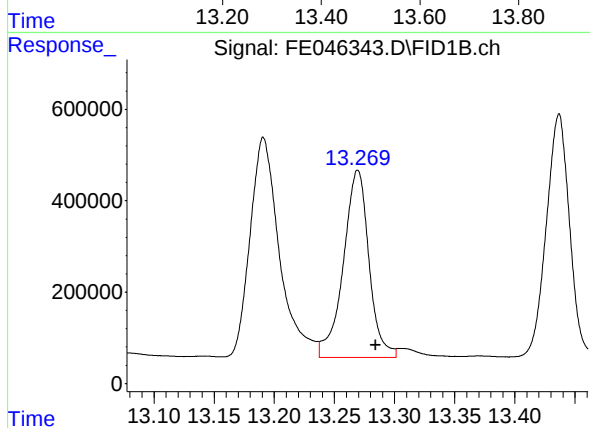
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 7567252
Conc: 50.02 ug/ml



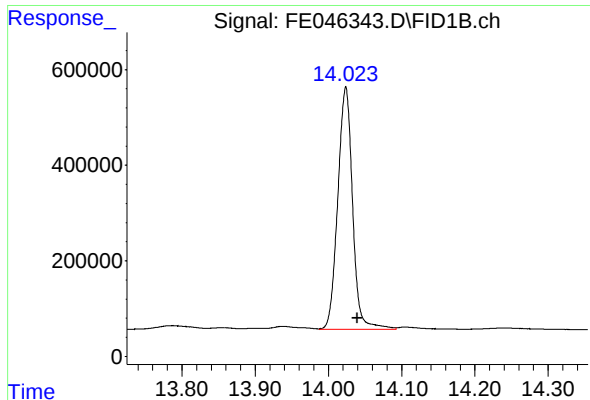
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.016 min
Response: 7328664
Conc: 49.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 6063826
Conc: 45.38 ug/ml



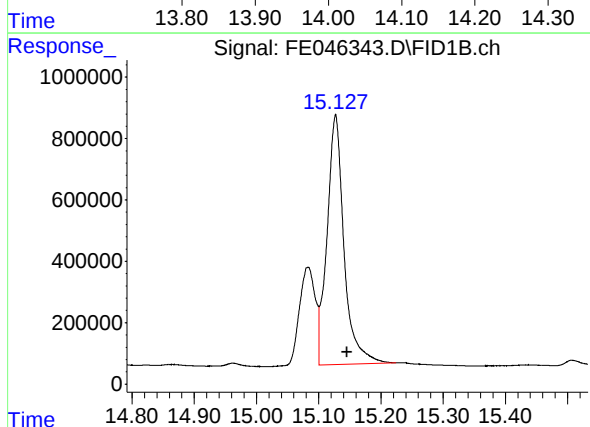
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.016 min
Response: 7126258
Conc: 48.75 ug/ml

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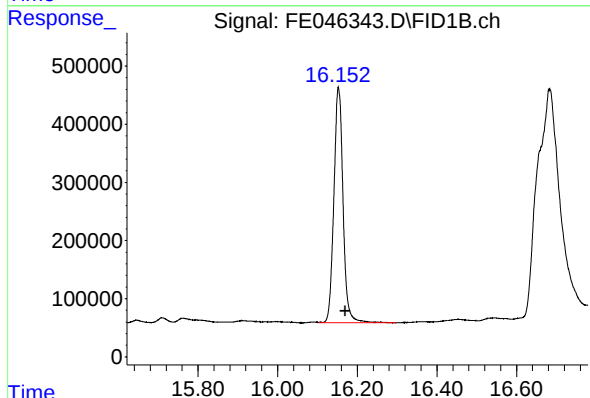
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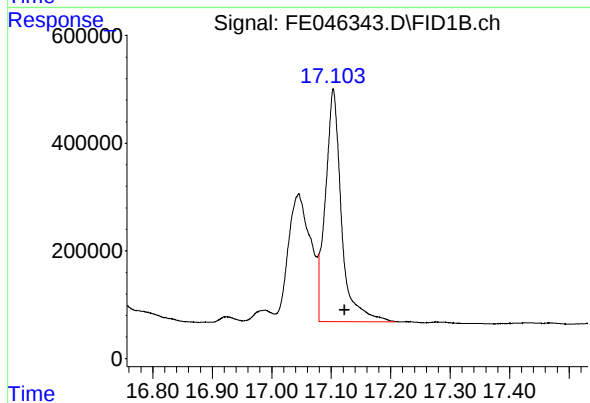
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.018 min
Response: 15428561
Conc: 106.38 ug/ml



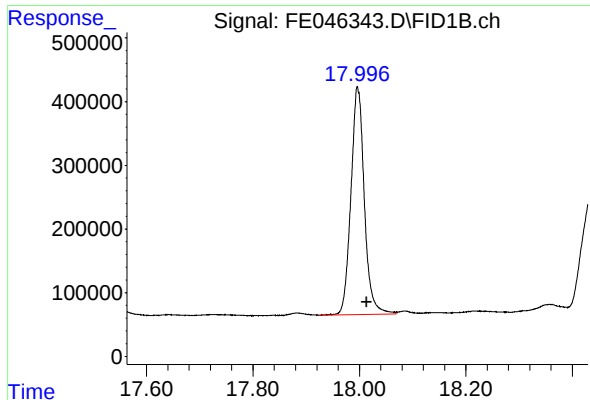
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 6494646
Conc: 45.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.020 min
Response: 8044794
Conc: 56.09 ug/ml m



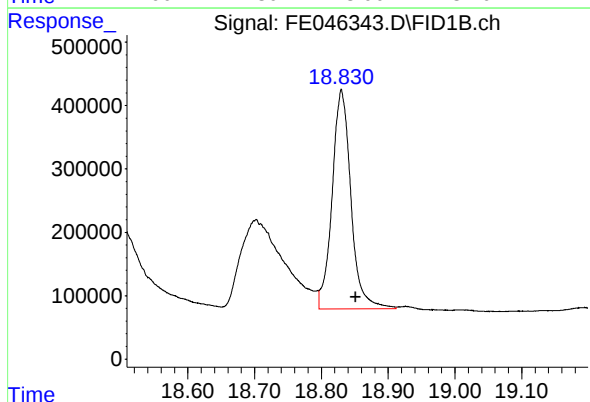
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.018 min
Response: 6258122
Conc: 42.10 ug/ml

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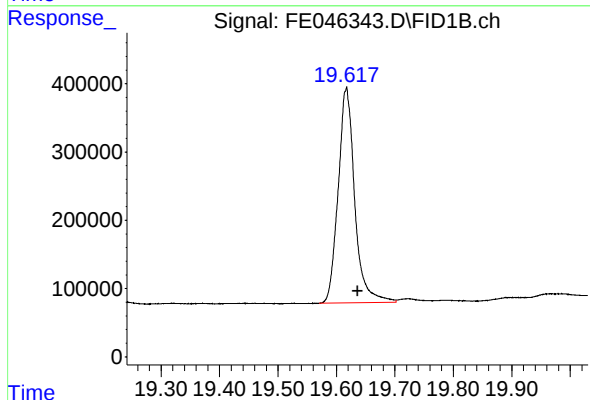
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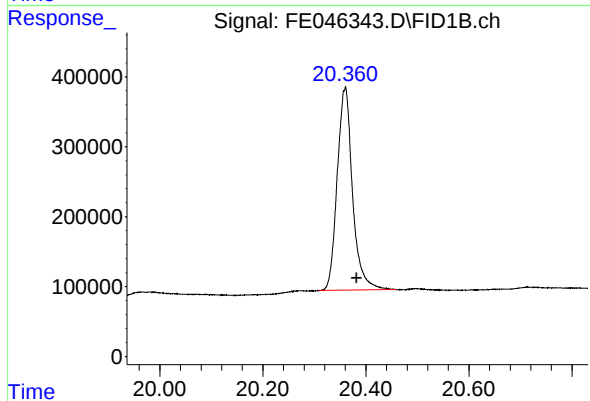
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.022 min
Response: 6754025
Conc: 45.16 ug/ml m



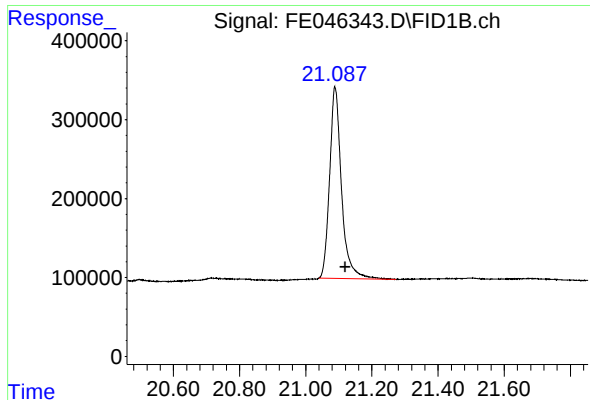
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.020 min
Response: 6194884
Conc: 43.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 5991431
Conc: 41.09 ug/ml m



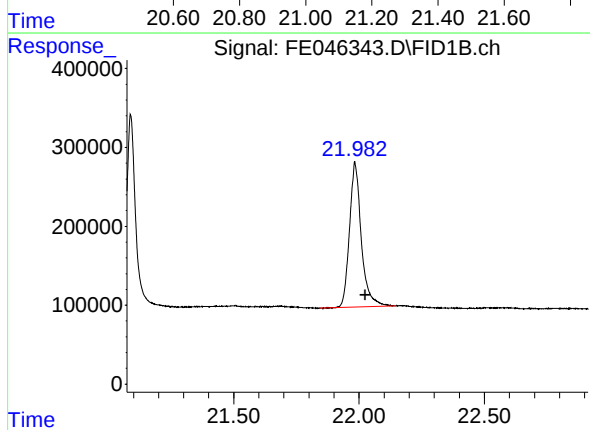
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.032 min
Response: 6063619
Conc: 41.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.043 min
Response: 6016834
Conc: 38.44 ug/ml