

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042433.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 20:04
 Operator : YP\AJ
 Sample : 03028-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-060223MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :Ankita Jodhani 06/07/2023

Integration File: autoint1.e
 Quant Time: Jun 07 05:10:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.955	6641031	37.610 ug/ml
Spiked Amount 50.000		Recovery =	75.22%
12) S 1-chlorooctadecane (S...	13.391	5236334	39.407 ug/ml
Spiked Amount 50.000		Recovery =	78.81%
Target Compounds			
1) T n-Nonane (C9)	3.331	4293392	29.774 ug/ml
2) T n-Decane (C10)	4.585	4905846	33.139 ug/ml
3) T A~Naphthalene (C11.7)	6.293	5632562	34.522 ug/ml
4) T n-Dodecane (C12)	6.753	5517184	36.792 ug/ml
5) T A~2-methylnaphthalene...	7.390	5764246	36.321 ug/ml
6) T n-Tetradecane (C14)	8.584	6145628	41.024 ug/ml
7) T n-Hexadecane (C16)	10.191	6851050	43.982 ug/ml
8) T n-Octadecane (C18)	11.635	6888473	43.561 ug/ml
10) T n-Eicosane (C20)	12.945	6895550	45.490 ug/ml
11) T n-Heneicosane (C21)	13.558	6559075	44.272 ug/ml
13) T n-Docosane (C22)	14.144	6479008	44.196 ug/ml
14) T n-Tetracosane (C24)	15.241	11985930	83.030 ug/ml
15) T n-Hexacosane (C26)	16.271	6060219	43.757 ug/ml
16) T n-Octacosane (C28)	17.221	6056059	45.234 ug/ml
17) T n-Tricontane (C30)	18.111	6128602	45.400 ug/ml
18) T n-Dotriacontane (C32)	18.944	6155745	46.079 ug/ml
19) T n-Tetratriacontane (C34)	19.729	6410771	48.747 ug/ml
20) T n-Hexatriacontane (C36)	20.470	5862052	45.102 ug/ml
21) T n-Octatriacontane (C38)	21.223	6199382	45.694 ug/ml
22) T n-Tetracontane (C40)	22.161	6210776	44.644 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 03028-01MS
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ALS Vial : 25 Sample Multiplier: 1

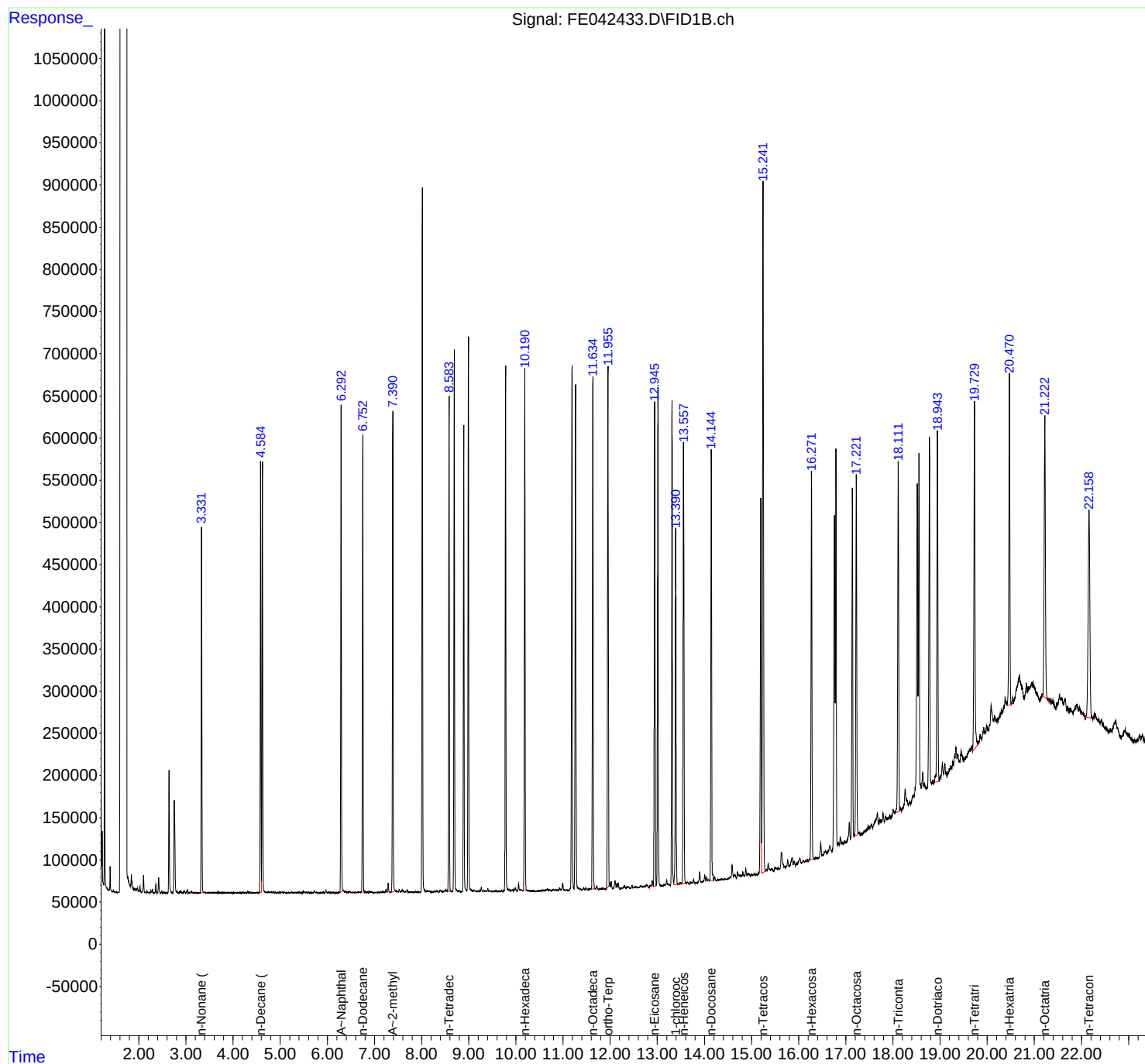
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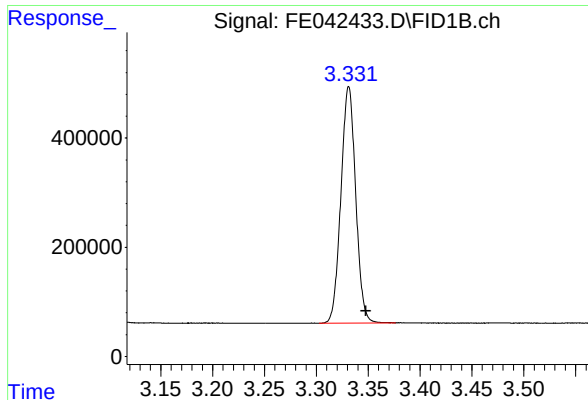
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#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 4293392
Conc: 29.77 ug/ml

Instrument :

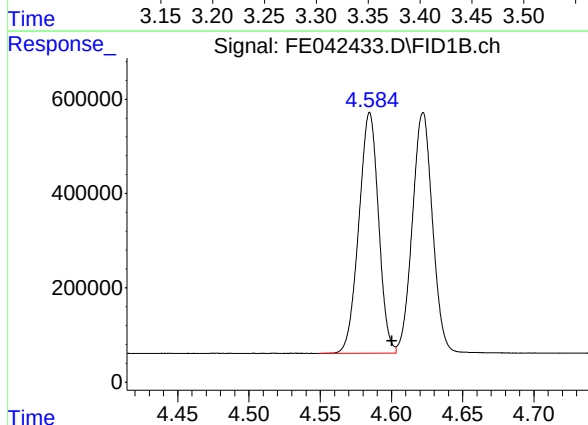
FID_E

ClientSampleId :

OR-02-060223MS

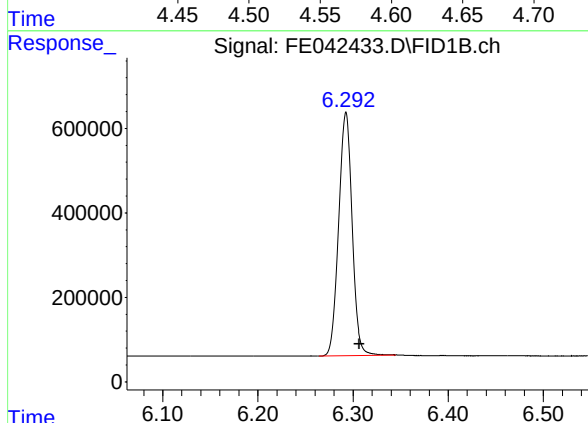
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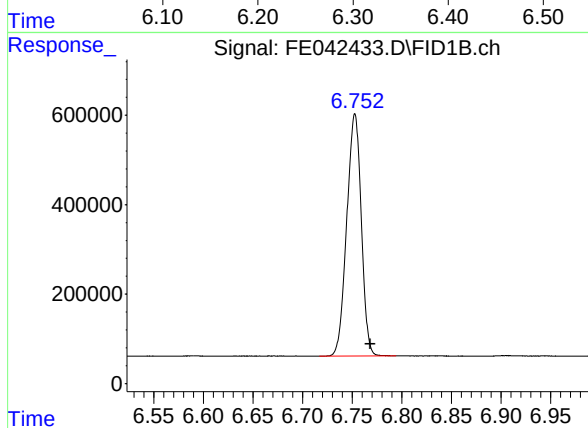
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.016 min
Response: 4905846
Conc: 33.14 ug/ml



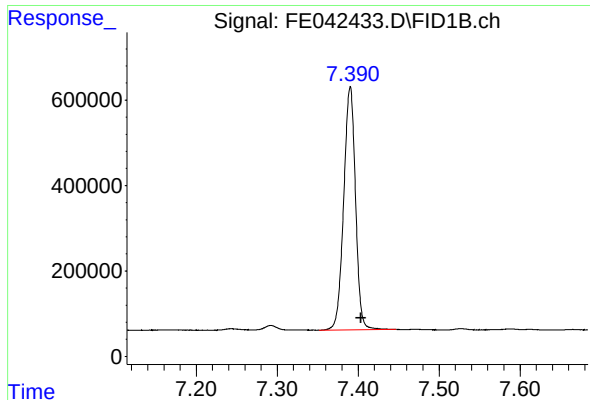
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.014 min
Response: 5632562
Conc: 34.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.015 min
Response: 5517184
Conc: 36.79 ug/ml



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

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 5764246
Conc: 36.32 ug/ml

Instrument :

FID_E

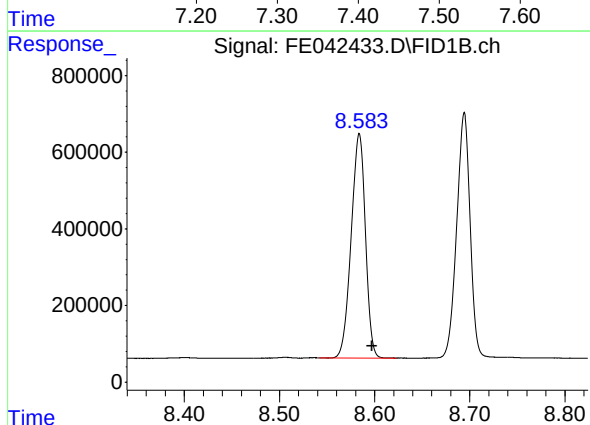
ClientSampleId :

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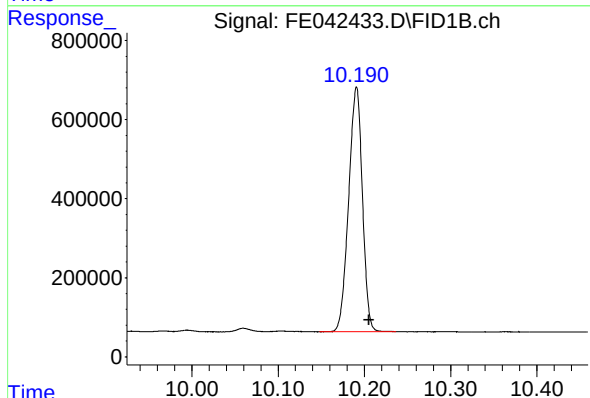
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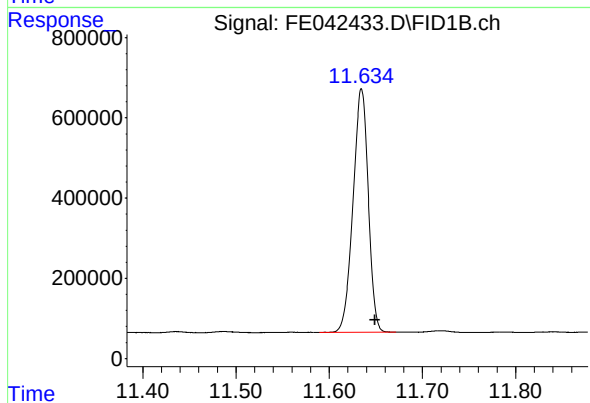
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.013 min
Response: 6145628
Conc: 41.02 ug/ml



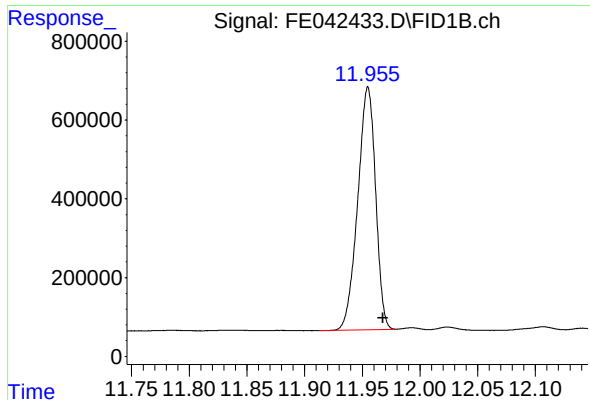
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.014 min
Response: 6851050
Conc: 43.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: -0.014 min
Response: 6888473
Conc: 43.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: -0.013 min
Response: 6641031
Conc: 37.61 ug/ml

Instrument :

FID_E

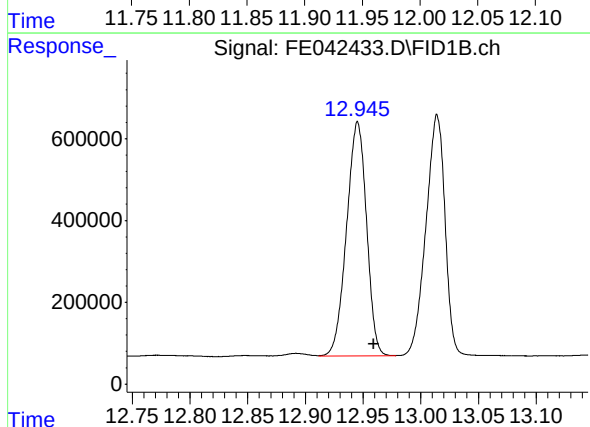
ClientSampleId :

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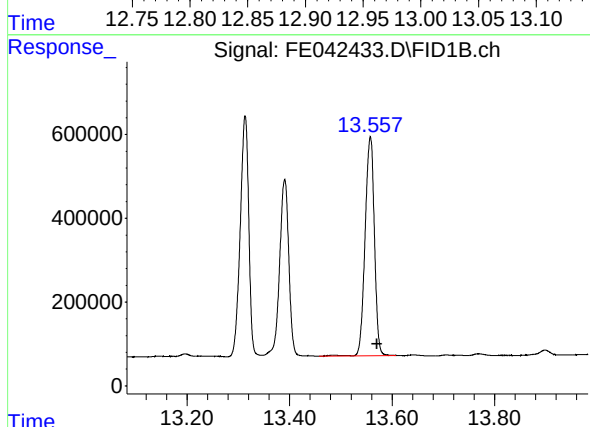
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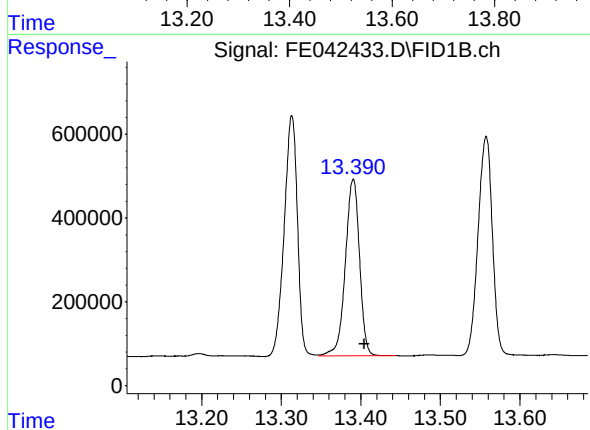
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.014 min
Response: 6895550
Conc: 45.49 ug/ml



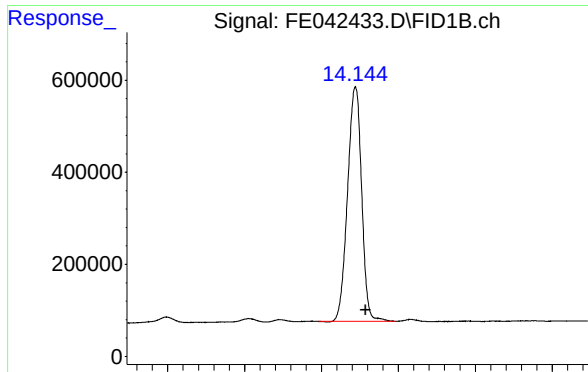
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 6559075
Conc: 44.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 5236334
Conc: 39.41 ug/ml



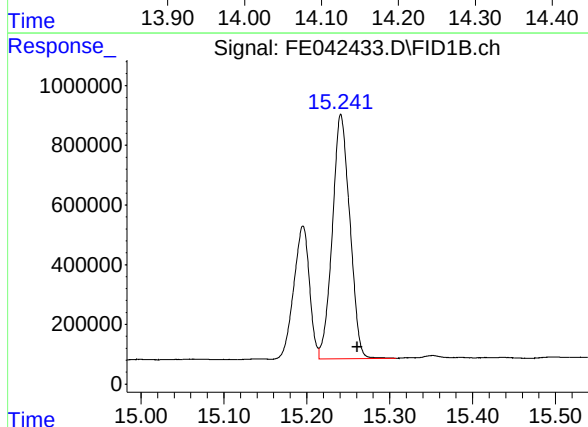
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.013 min
Response: 6479008
Conc: 44.20 ug/ml

Instrument :
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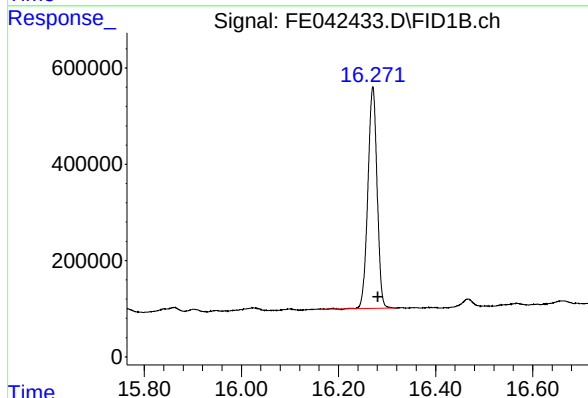
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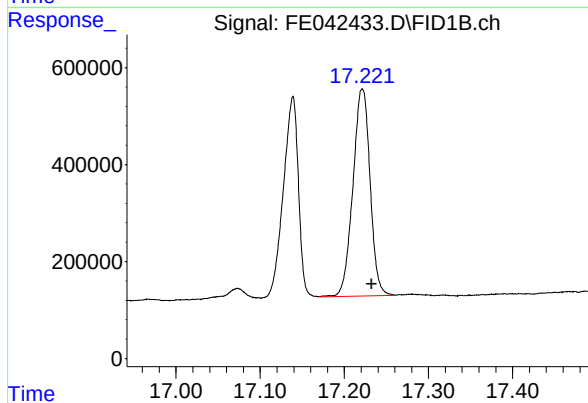
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.020 min
Response: 11985930
Conc: 83.03 ug/ml



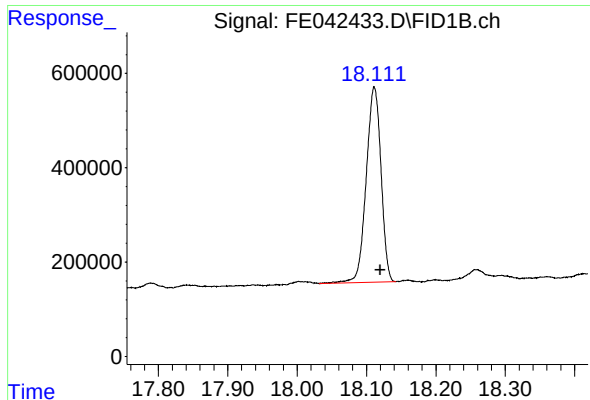
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.010 min
Response: 6060219
Conc: 43.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.011 min
Response: 6056059
Conc: 45.23 ug/ml



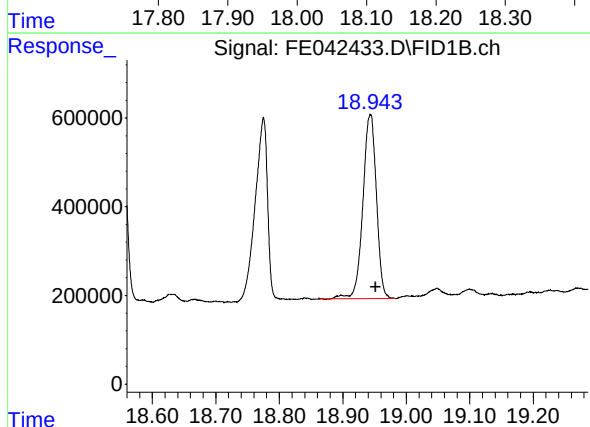
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.009 min
Response: 6128602
Conc: 45.40 ug/ml

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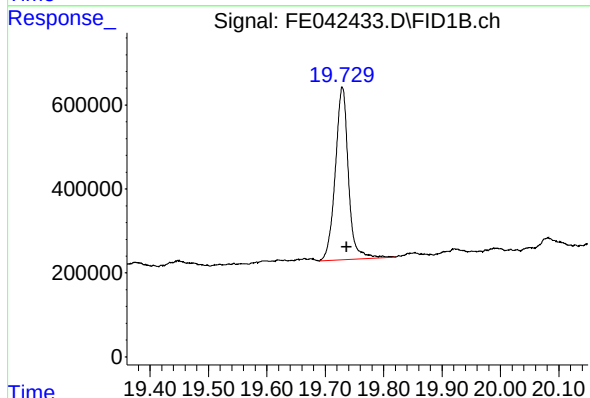
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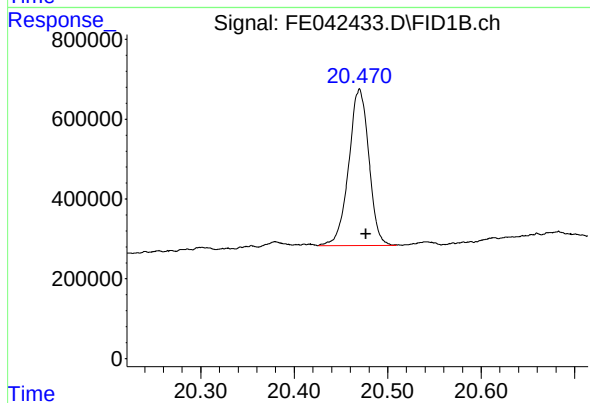
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.008 min
Response: 6155745
Conc: 46.08 ug/ml



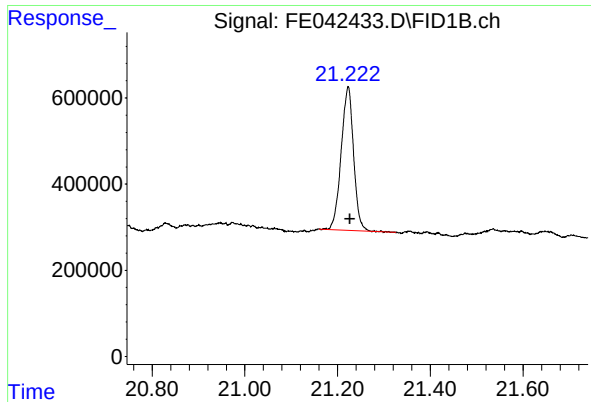
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: -0.007 min
Response: 6410771
Conc: 48.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 5862052
Conc: 45.10 ug/ml m



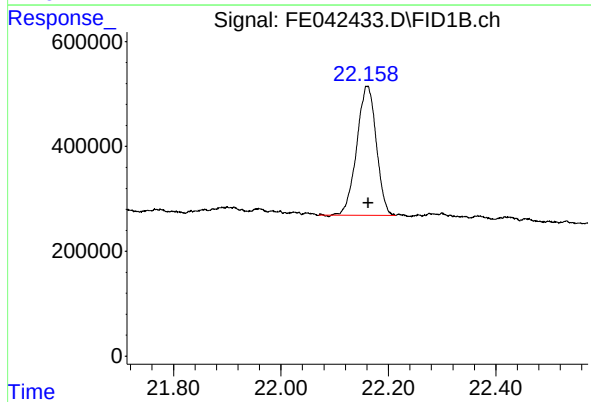
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.004 min
Response: 6199382
Conc: 45.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.002 min
Response: 6210776
Conc: 44.64 ug/ml