

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045599.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 17:53
 Operator : YP\AJ
 Sample : 05576-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-112923MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 23:26:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.863	7032915	33.632 ug/ml
Spiked Amount 50.000		Recovery =	67.26%
12) S 1-chlorooctadecane (S...	13.305	11339245	72.066 ug/ml
Spiked Amount 50.000		Recovery =	144.13%
Target Compounds			
1) T n-Nonane (C9)	3.250	4102017	25.868 ug/ml
2) T n-Decane (C10)	4.502	4604491	28.754 ug/ml
3) T A~Naphthalene (C11.7)	6.201	5444763	31.257 ug/ml
4) T n-Dodecane (C12)	6.668	5171721	32.017 ug/ml
5) T A~2-methylnaphthalene...	7.296	5668614	33.380 ug/ml
6) T n-Tetradecane (C14)	8.496	5658754	35.274 ug/ml
7) T n-Hexadecane (C16)	10.105	6086010	36.753 ug/ml
8) T n-Octadecane (C18)	11.551	6390848	37.275 ug/ml
10) T n-Eicosane (C20)	12.862	6562581	37.929 ug/ml
11) T n-Heneicosane (C21)	13.475	6296694	36.602 ug/ml
13) T n-Docosane (C22)	14.062	6324811	36.682 ug/ml
14) T n-Tetracosane (C24)	15.144	12501545	71.609 ug/mlm
15) T n-Hexacosane (C26)	16.190	6104570	35.053 ug/ml
16) T n-Octacosane (C28)	17.141	5993978	34.681 ug/ml
17) T n-Tricontane (C30)	18.032	5928563	33.888 ug/ml
18) T n-Dotriacontane (C32)	18.865	5747096	31.502 ug/ml
19) T n-Tetratriacontane (C34)	19.650	5434737	32.753 ug/ml
20) T n-Hexatriacontane (C36)	20.392	5065758	31.913 ug/ml
21) T n-Octatriacontane (C38)	21.128	4994543	31.849 ug/ml
22) T n-Tetracontane (C40)	22.031	4678324	32.919 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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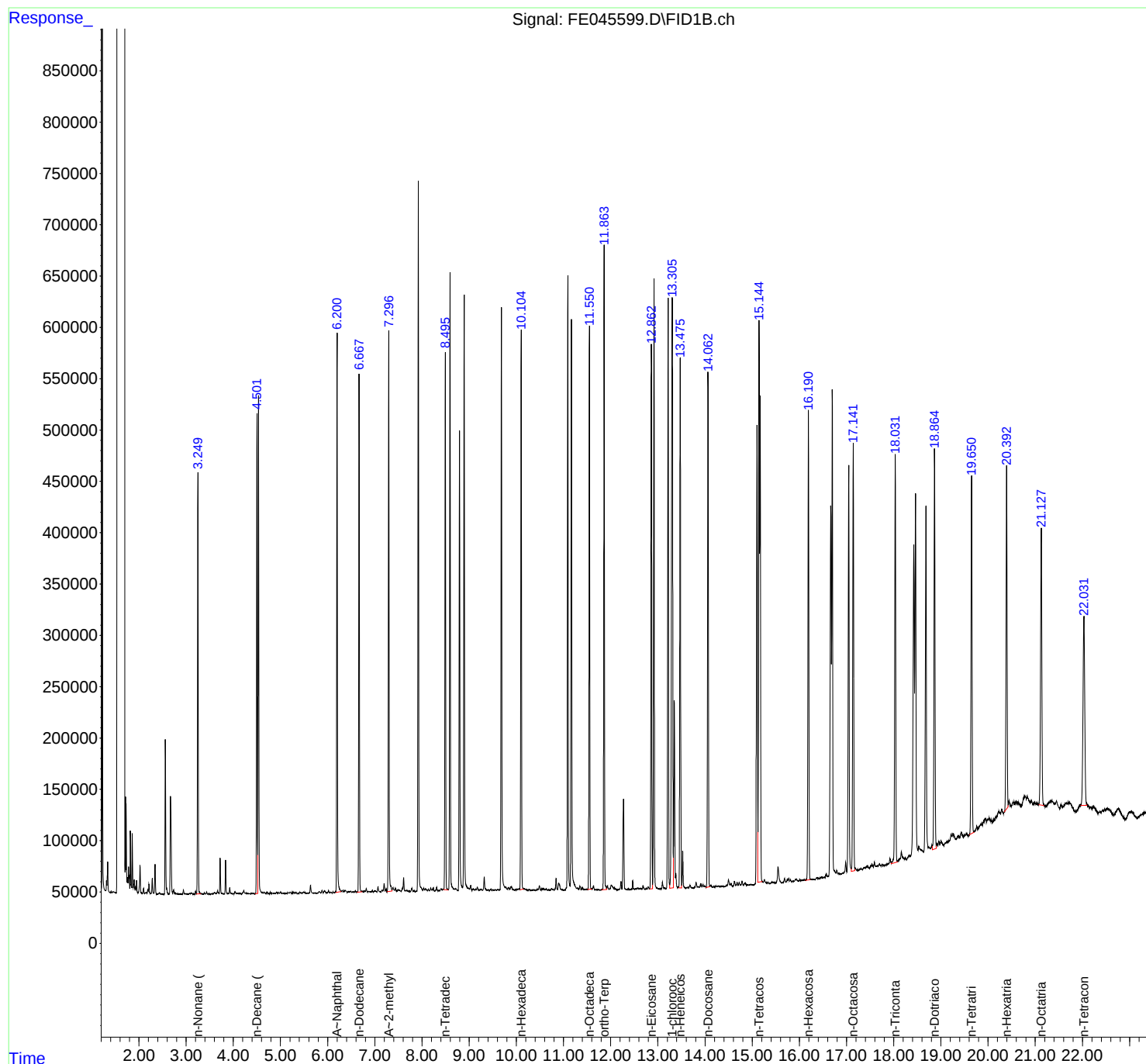
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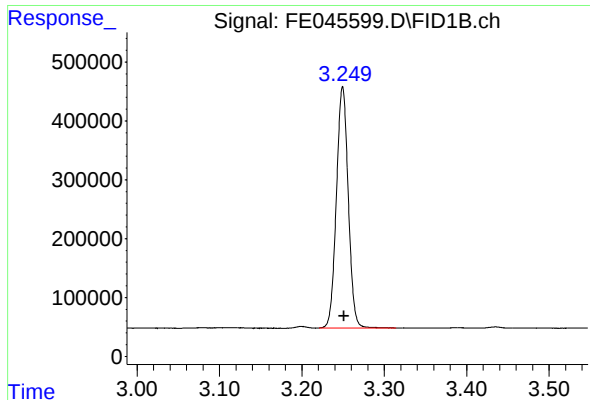
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#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.001 min
Response: 4102017
Conc: 25.87 ug/ml

Instrument :

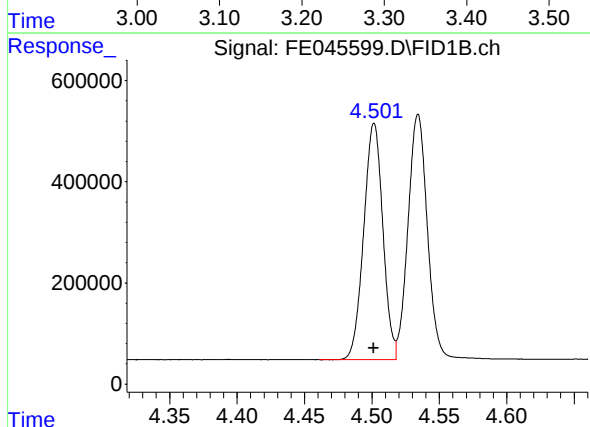
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ClientSampleId :

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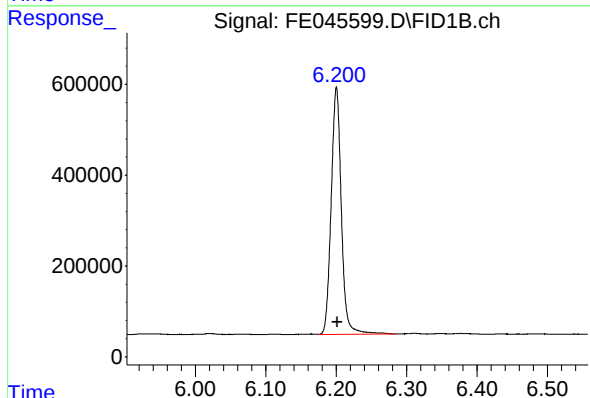
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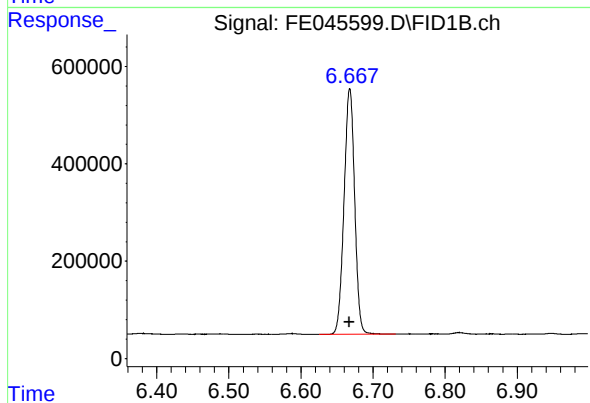
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 4604491
Conc: 28.75 ug/ml



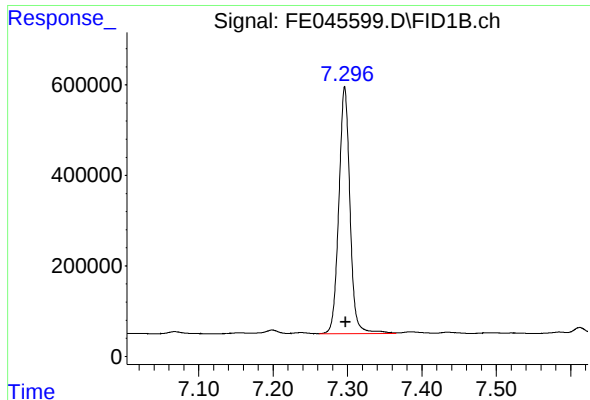
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 5444763
Conc: 31.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 5171721
Conc: 32.02 ug/ml



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

R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 5668614
Conc: 33.38 ug/ml

Instrument :

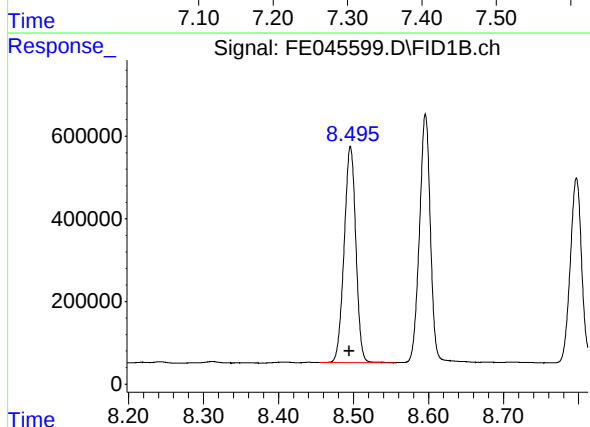
FID_E

ClientSampleId :

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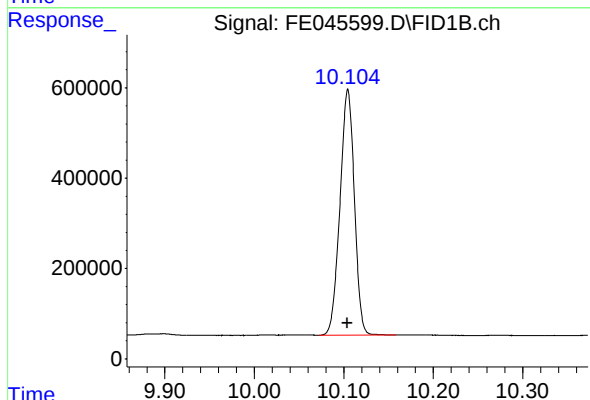
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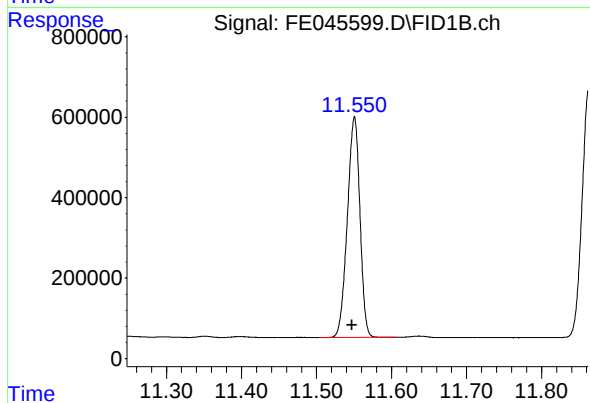
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.002 min
Response: 5658754
Conc: 35.27 ug/ml



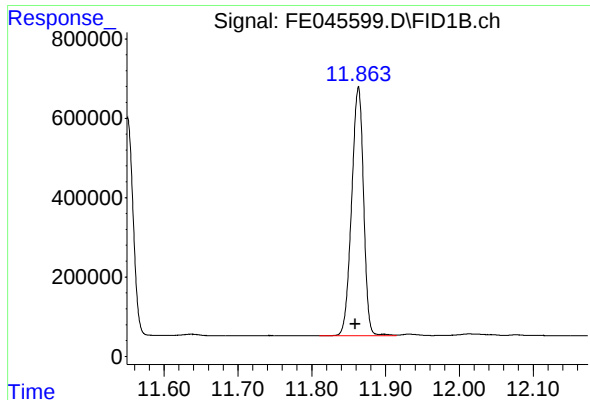
#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 6086010
Conc: 36.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: 0.003 min
Response: 6390848
Conc: 37.28 ug/ml



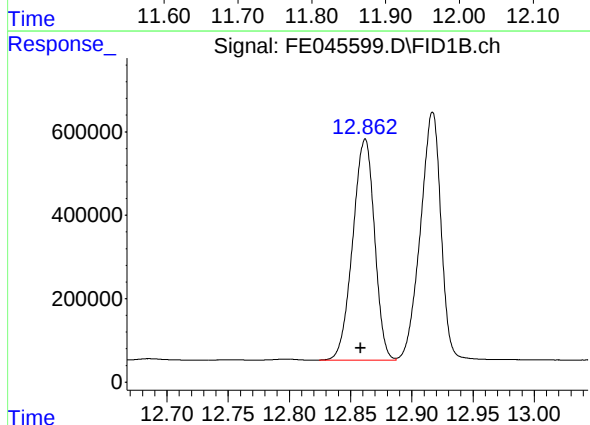
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.004 min
Response: 7032915
Conc: 33.63 ug/ml

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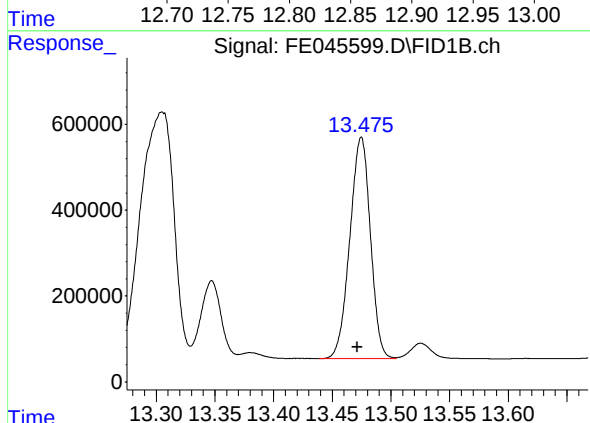
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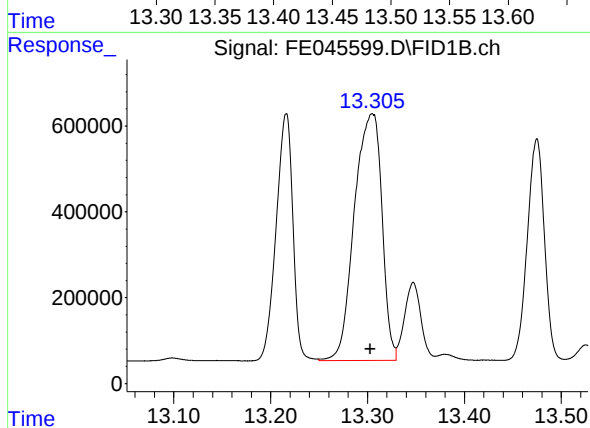
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: 0.004 min
Response: 6562581
Conc: 37.93 ug/ml



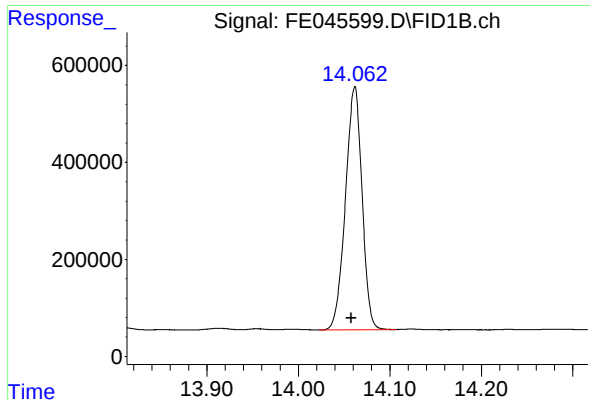
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: 0.004 min
Response: 6296694
Conc: 36.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 11339245
Conc: 72.07 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: 0.004 min
Response: 6324811
Conc: 36.68 ug/ml

Instrument :

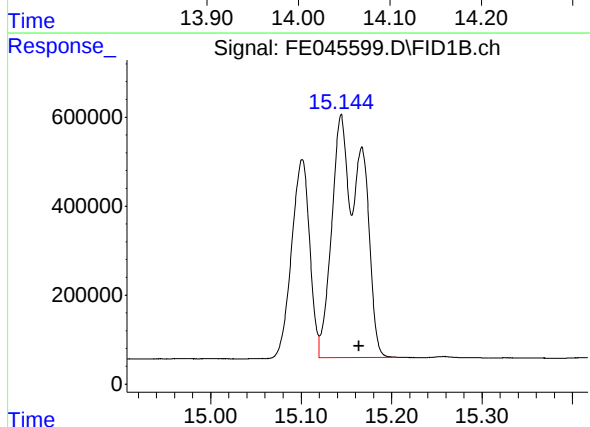
FID_E

ClientSampleId :

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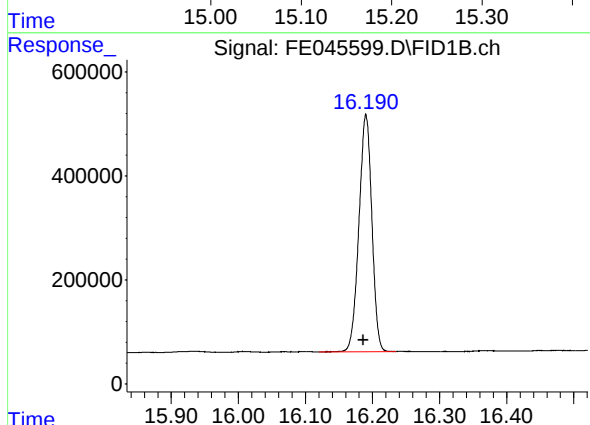
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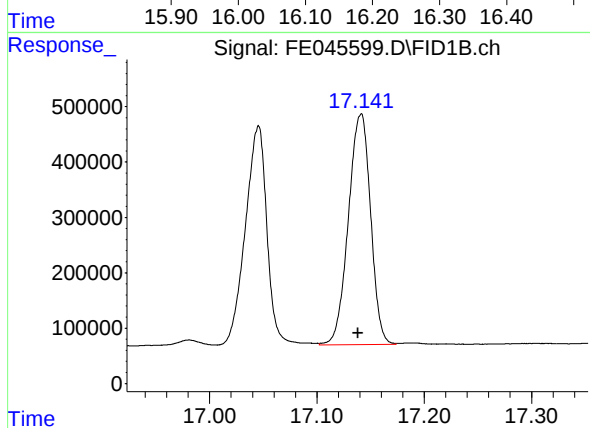
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.020 min
Response: 12501545
Conc: 71.61 ug/ml m



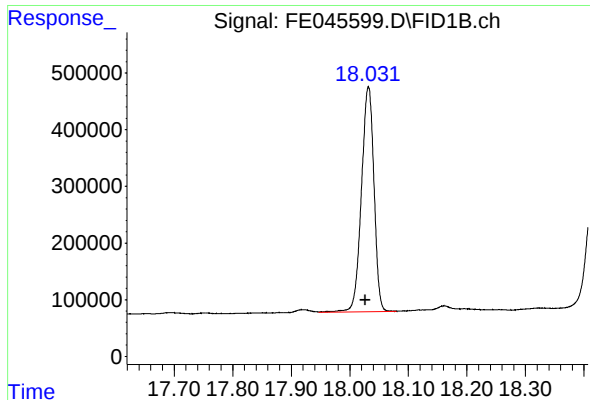
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.004 min
Response: 6104570
Conc: 35.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.003 min
Response: 5993978
Conc: 34.68 ug/ml



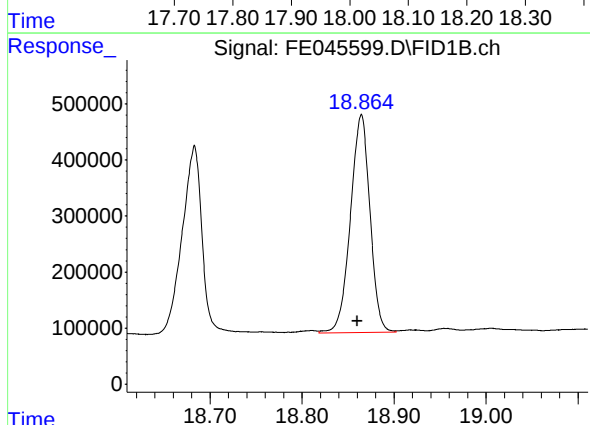
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 5928563
Conc: 33.89 ug/ml

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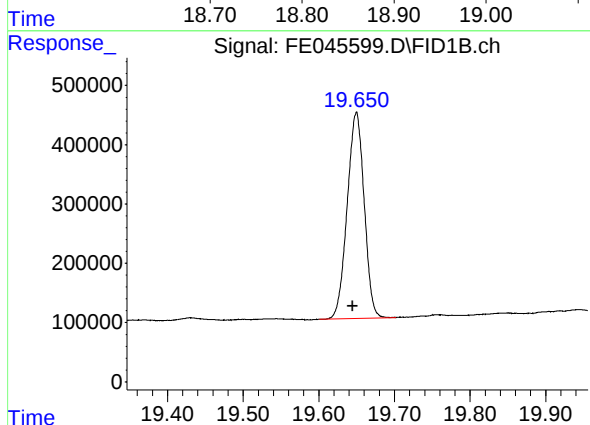
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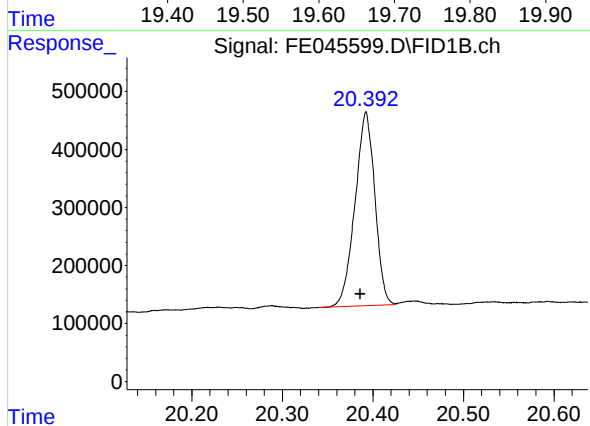
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.005 min
Response: 5747096
Conc: 31.50 ug/ml



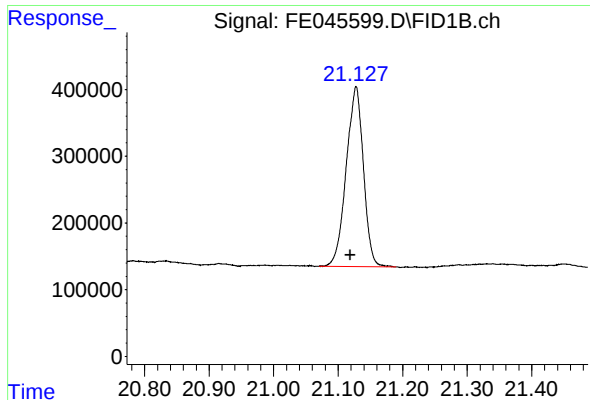
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.005 min
Response: 5434737
Conc: 32.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.006 min
Response: 5065758
Conc: 31.91 ug/ml



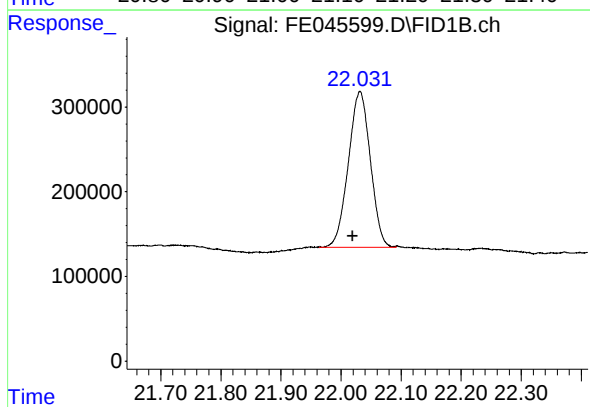
#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: 0.009 min
Response: 4994543
Conc: 31.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.012 min
Response: 4678324
Conc: 32.92 ug/ml m