

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036226.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2022 13:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 27 02:39:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.879	3601567	18.026 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
12) S 1-chlorooctadecane (S...	13.318	2798923	18.079 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.266	3382397	18.806 ug/ml
2) T n-Decane (C10)	4.521	3375848	18.780 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3764958	18.765 ug/ml
4) T n-Dodecane (C12)	6.689	3457368	18.666 ug/ml
5) T A~2-methylnaphthalene...	7.320	3796357	18.649 ug/ml
6) T n-Tetradecane (C14)	8.516	3457102	18.492 ug/ml
7) T n-Hexadecane (C16)	10.123	3439440	18.366 ug/ml
8) T n-Octadecane (C18)	11.565	3377732	18.156 ug/ml
10) T n-Eicosane (C20)	12.874	3254005	17.962 ug/ml
11) T n-Heneicosane (C21)	13.485	3216633	17.907 ug/ml
13) T n-Docosane (C22)	14.073	3167261	17.914 ug/ml
14) T n-Tetracosane (C24)	15.175	3113790	18.180 ug/ml
15) T n-Hexacosane (C26)	16.195	3020545	18.282 ug/ml
16) T n-Octacosane (C28)	17.146	2934043	18.329 ug/mlm
17) T n-Tricontane (C30)	18.035	2892817	18.685 ug/ml
18) T n-Dotriacontane (C32)	18.867	2861160	19.579 ug/mlm
19) T n-Tetratriacontane (C34)	19.648	2721860	19.669 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	2829162	21.074 ug/mlm
21) T n-Octatriacontane (C38)	21.118	2774078	20.859 ug/mlm
22) T n-Tetracontane (C40)	22.022	3504225	25.061 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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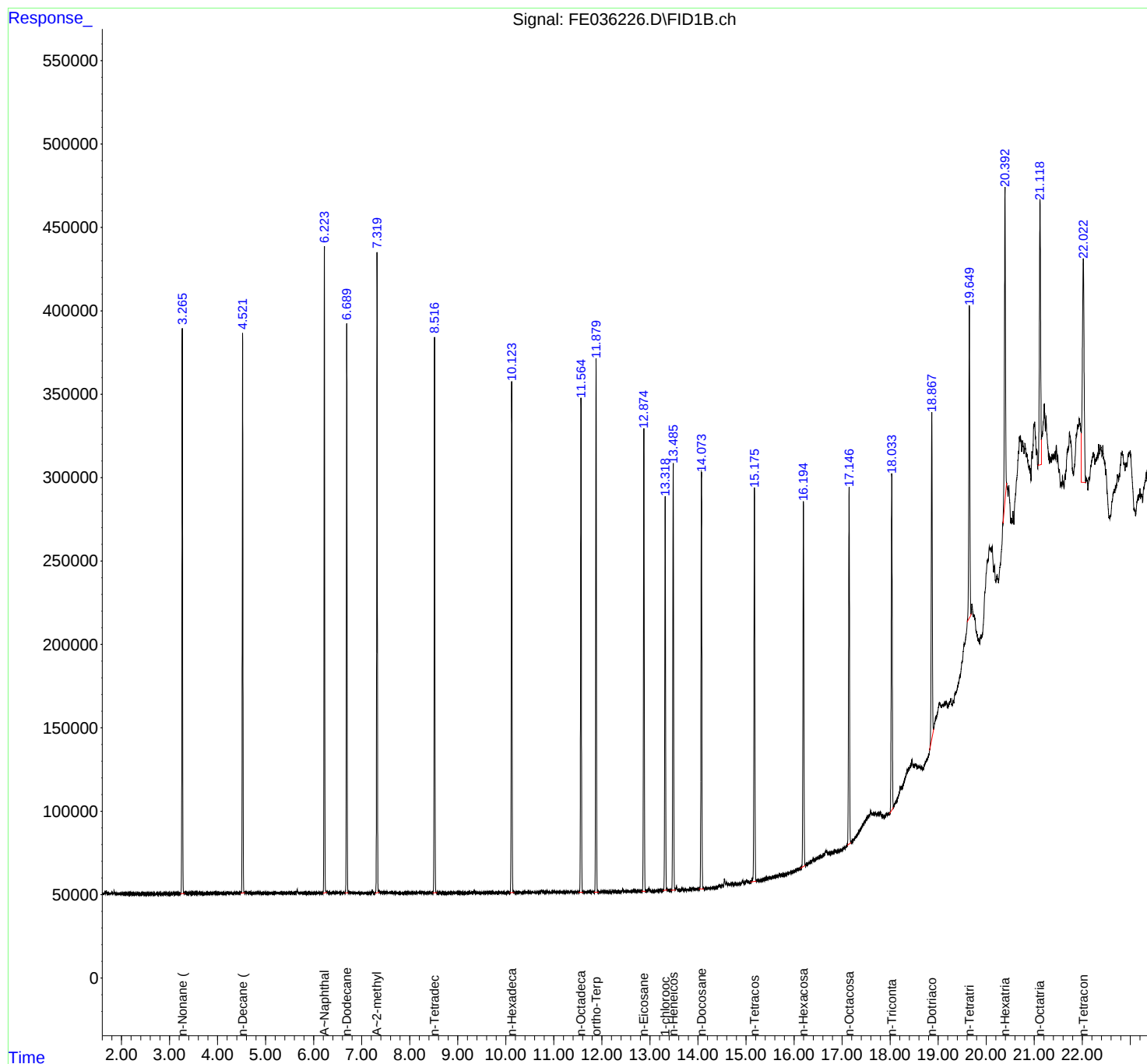
Instrument :
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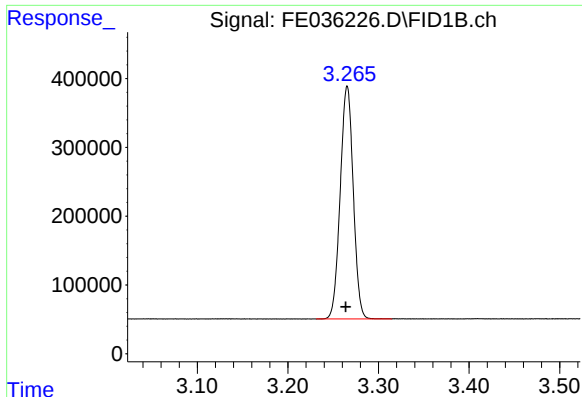
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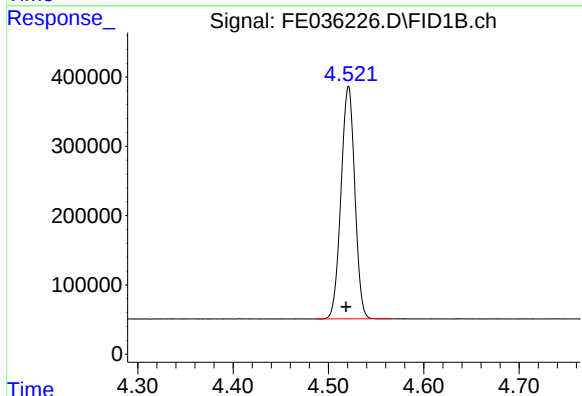
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 3382397
Conc: 18.81 ug/ml

Instrument :
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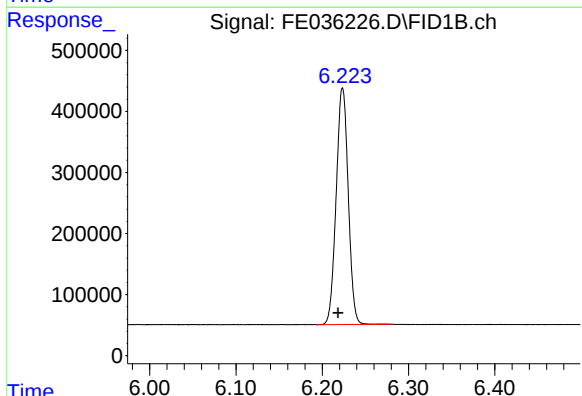
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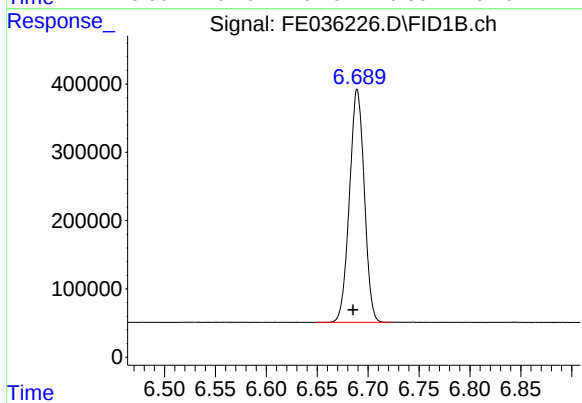
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 3375848
Conc: 18.78 ug/ml



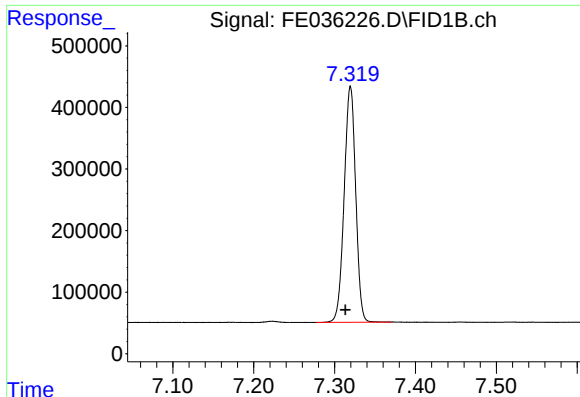
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.005 min
Response: 3764958
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 3457368
Conc: 18.67 ug/ml



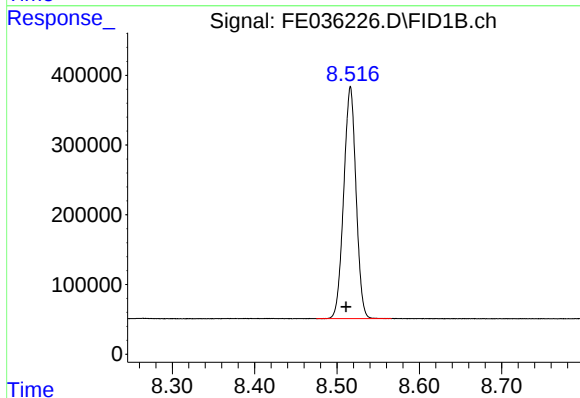
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.007 min
Response: 3796357
Conc: 18.65 ug/ml

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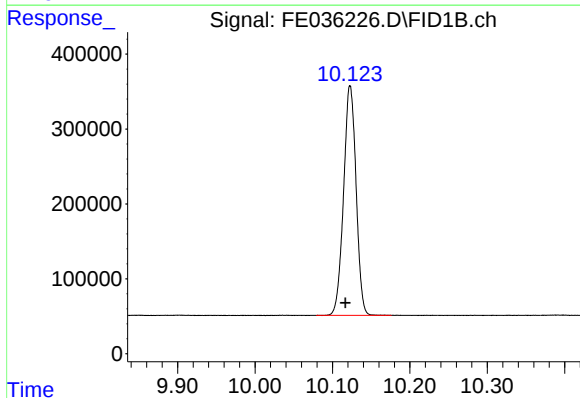
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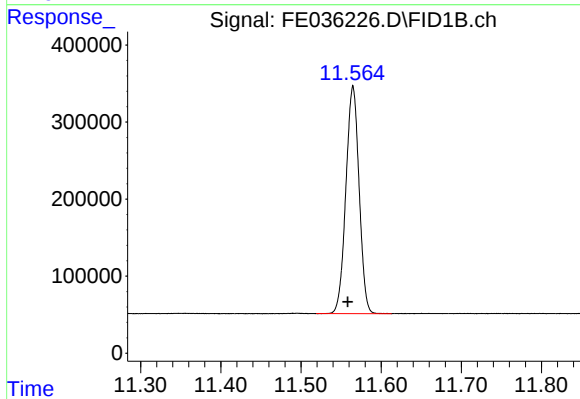
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 3457102
Conc: 18.49 ug/ml



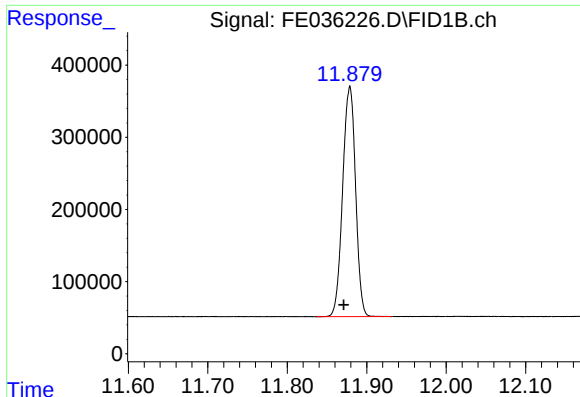
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.006 min
Response: 3439440
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.007 min
Response: 3377732
Conc: 18.16 ug/ml



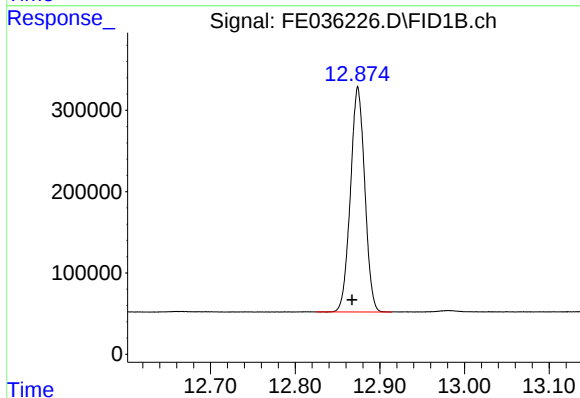
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: 0.008 min
Response: 3601567
Conc: 18.03 ug/ml

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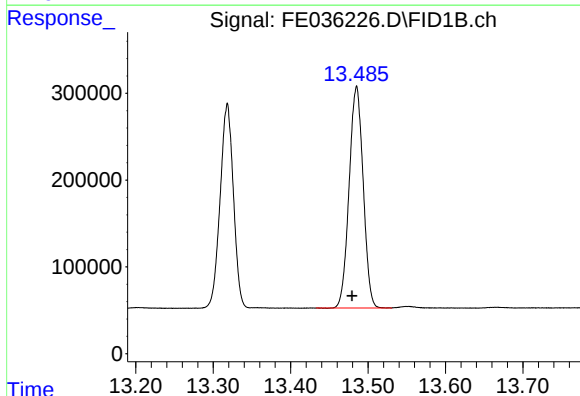
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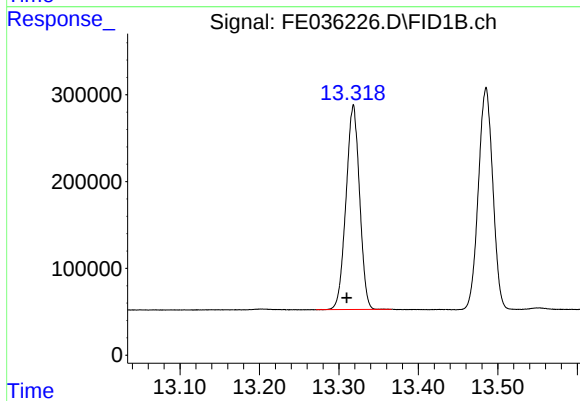
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 3254005
Conc: 17.96 ug/ml



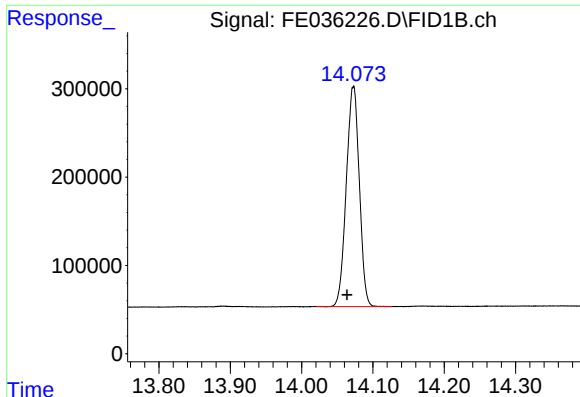
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.006 min
Response: 3216633
Conc: 17.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.008 min
Response: 2798923
Conc: 18.08 ug/ml



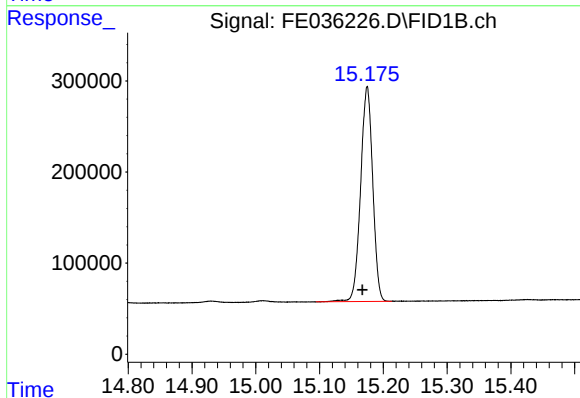
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.009 min
Response: 3167261
Conc: 17.91 ug/ml

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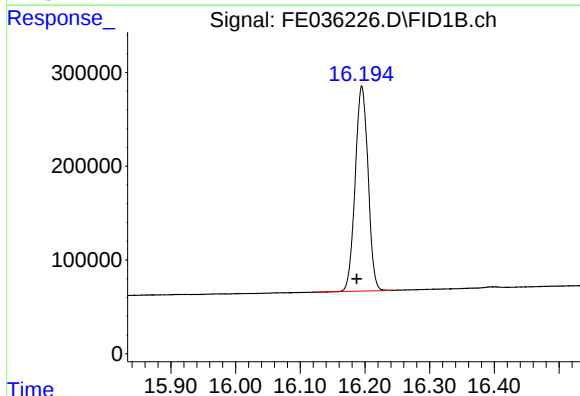
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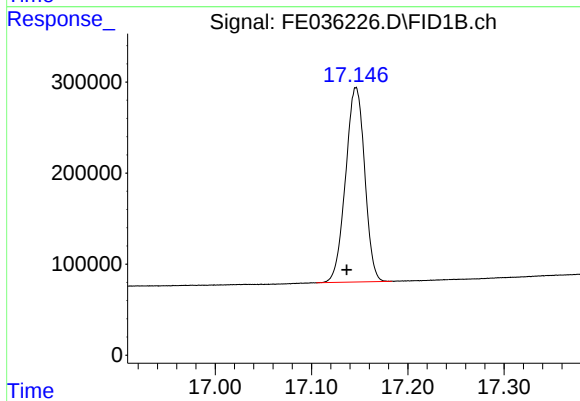
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.008 min
Response: 3113790
Conc: 18.18 ug/ml



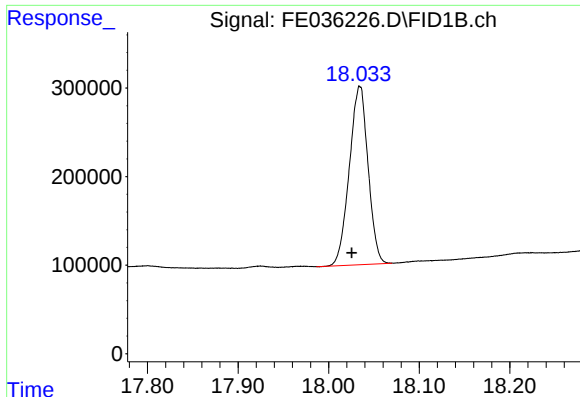
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 3020545
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.010 min
Response: 2934043
Conc: 18.33 ug/ml m



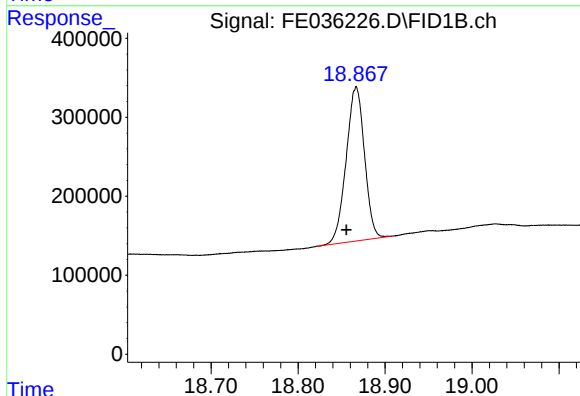
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.009 min
Response: 2892817
Conc: 18.68 ug/ml

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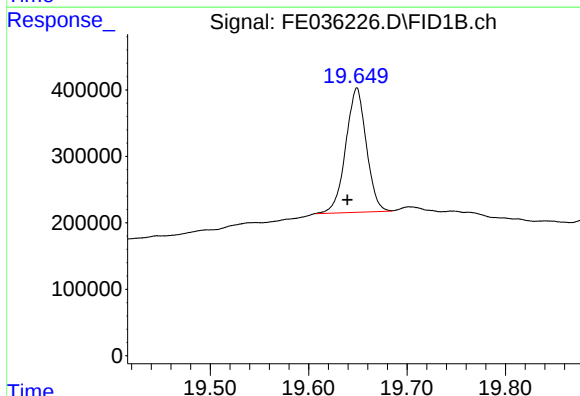
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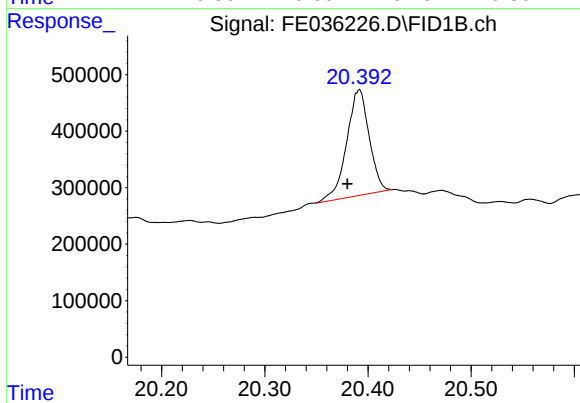
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.011 min
Response: 2861160
Conc: 19.58 ug/ml m



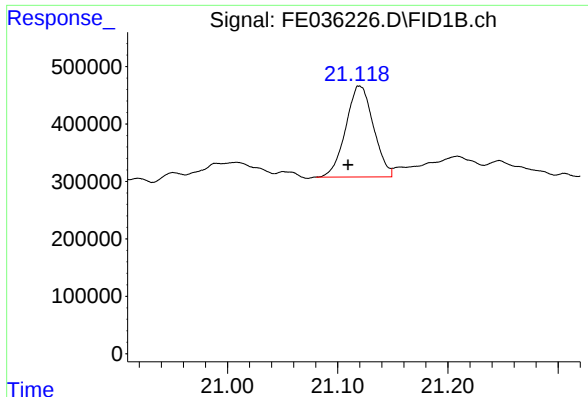
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.009 min
Response: 2721860
Conc: 19.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.012 min
Response: 2829162
Conc: 21.07 ug/ml m



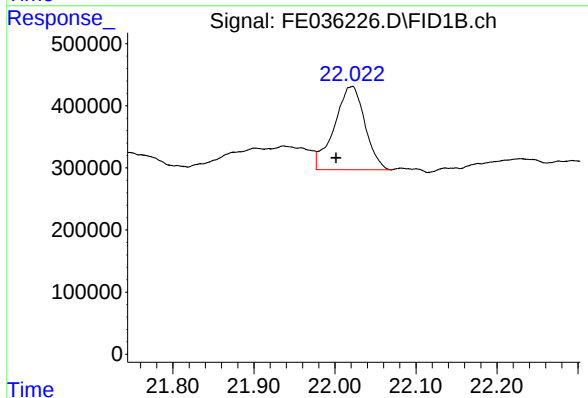
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.008 min
Response: 2774078
Conc: 20.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.020 min
Response: 3504225
Conc: 25.06 ug/ml m