

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049102.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 16:31
 Operator : YP\AJ
 Sample : P3211-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-07102024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:25:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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	3513071	21.010 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.354	3428161	26.660 ug/ml
Spiked Amount 50.000		Recovery =	53.32%
Target Compounds			
1) T n-Nonane (C9)	3.306	2048552	13.626 ug/ml
2) T n-Decane (C10)	4.556	2315867	15.049 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2695184	16.977 ug/ml
4) T n-Dodecane (C12)	6.722	2397614	15.531 ug/ml
5) T A~2-methylnaphthalene...	7.358	2775439	18.327 ug/ml
6) T n-Tetradecane (C14)	8.550	2763214	18.029 ug/ml
7) T n-Hexadecane (C16)	10.157	2958776	18.923 ug/ml
8) T n-Octadecane (C18)	11.600	3001062	18.817 ug/ml
10) T n-Eicosane (C20)	12.908	3198009	20.628 ug/ml
11) T n-Heneicosane (C21)	13.520	3027512	19.883 ug/ml
13) T n-Docosane (C22)	14.106	2927277	19.356 ug/ml
14) T n-Tetracosane (C24)	15.199	5973009	39.746 ug/ml
15) T n-Hexacosane (C26)	16.229	2926547	19.823 ug/ml
16) T n-Octacosane (C28)	17.178	3223983	22.355 ug/ml
17) T n-Tricontane (C30)	18.065	2962224	20.248 ug/ml
18) T n-Dotriacontane (C32)	18.896	2963217	20.725 ug/ml
19) T n-Tetratriacontane (C34)	19.679	3078190	22.246 ug/ml
20) T n-Hexatriacontane (C36)	20.420	2839114	21.845 ug/mlm
21) T n-Octatriacontane (C38)	21.155	3099699	24.179 ug/mlm
22) T n-Tetracontane (C40)	22.064	2933593	23.956 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P3211-01MS
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ALS Vial : 12 Sample Multiplier: 1

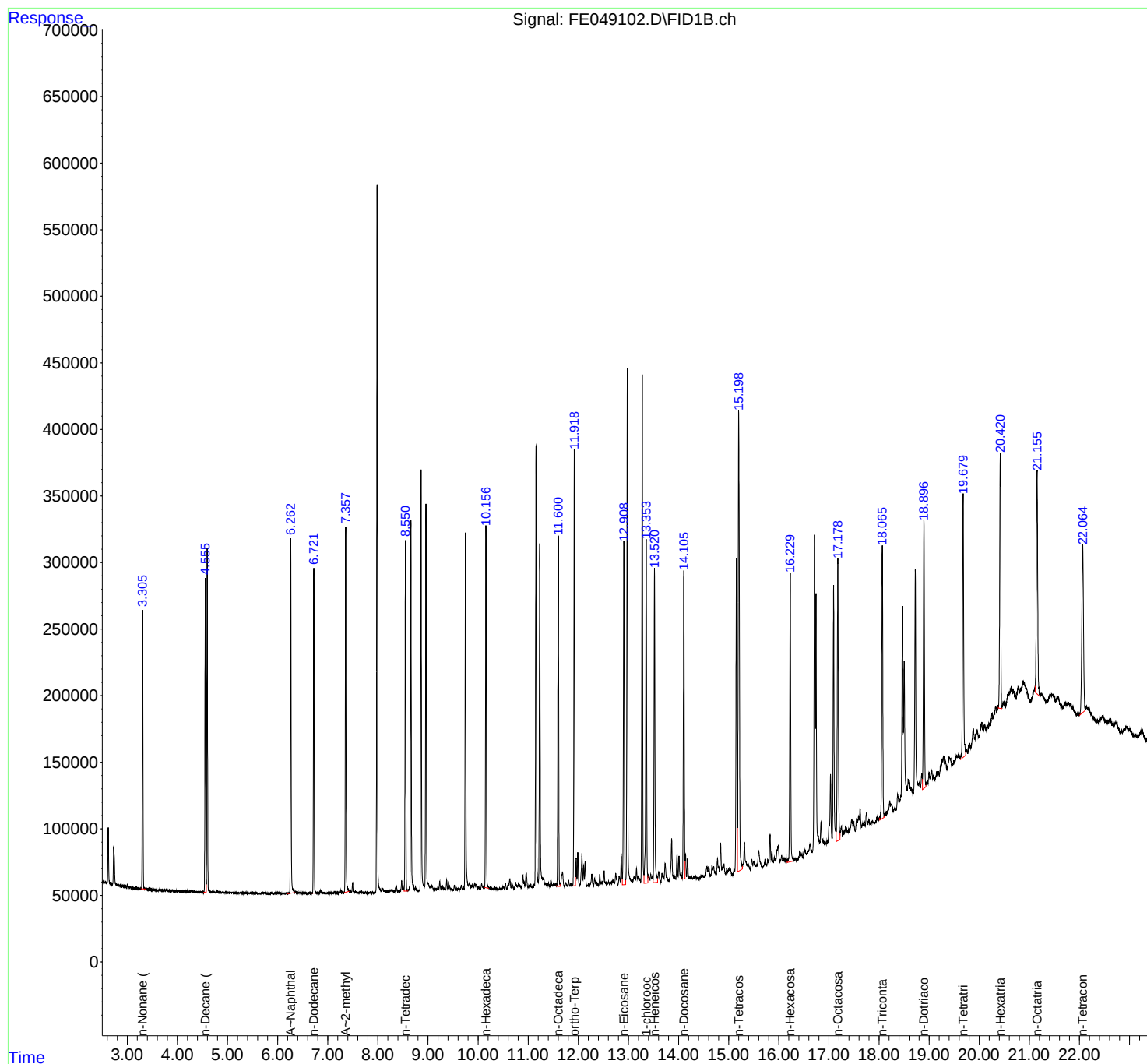
Instrument :
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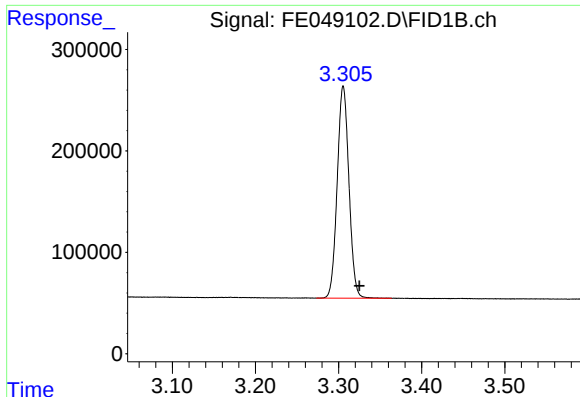
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#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.019 min
Response: 2048552
Conc: 13.63 ug/ml

Instrument :

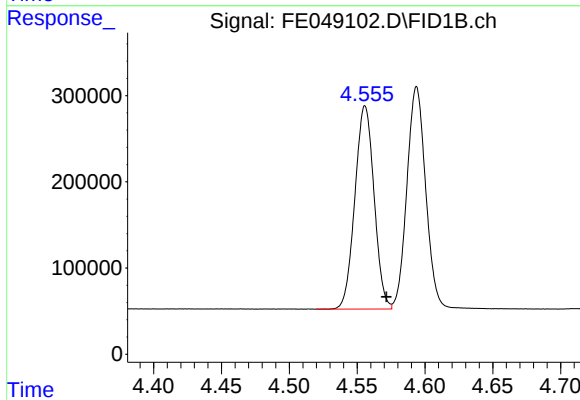
FID_E

ClientSampleId :

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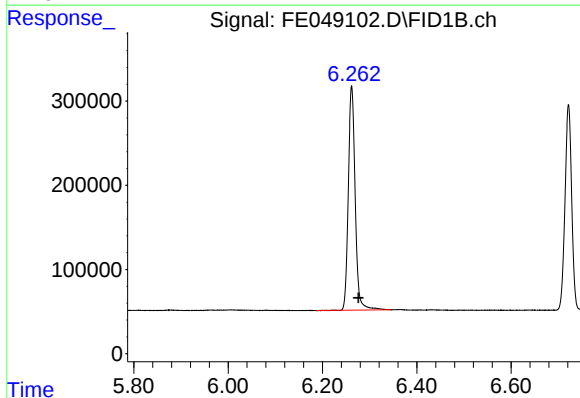
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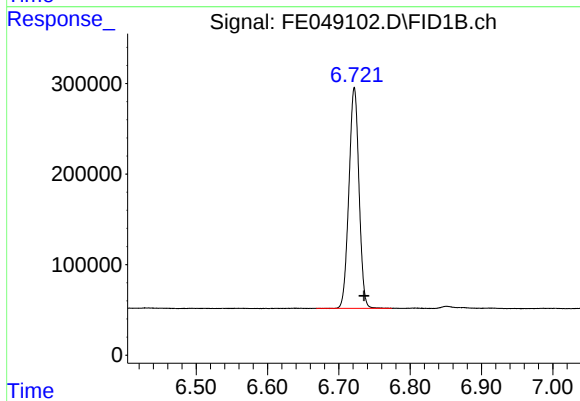
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.016 min
Response: 2315867
Conc: 15.05 ug/ml



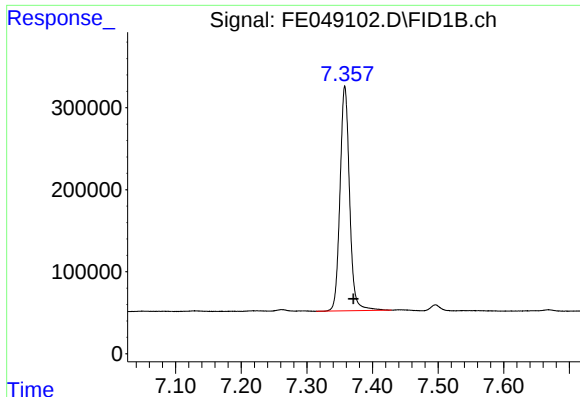
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.014 min
Response: 2695184
Conc: 16.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.013 min
Response: 2397614
Conc: 15.53 ug/ml



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

R.T.: 7.358 min
Delta R.T.: -0.013 min
Response: 2775439
Conc: 18.33 ug/ml

Instrument :

FID_E

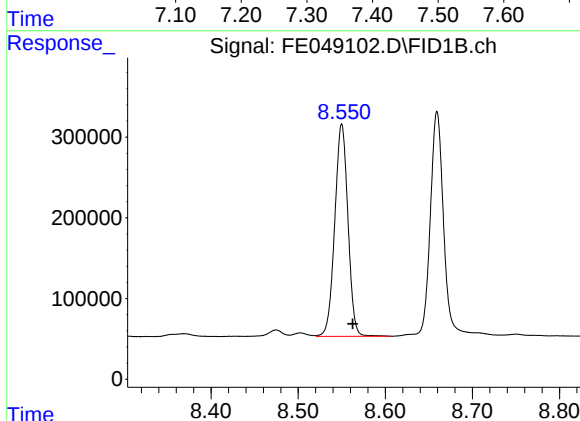
ClientSampleId :

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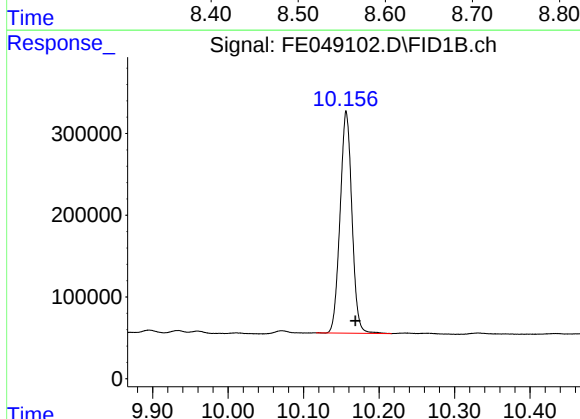
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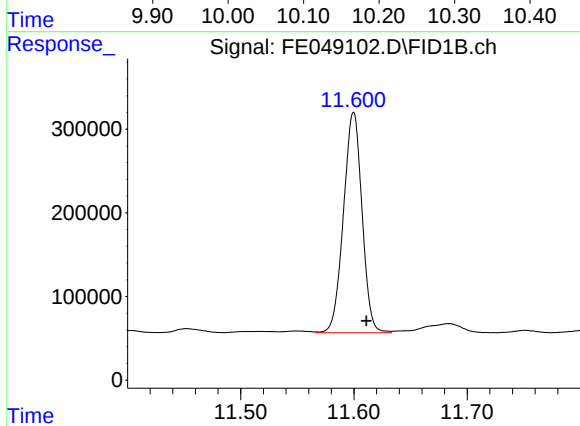
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.012 min
Response: 2763214
Conc: 18.03 ug/ml



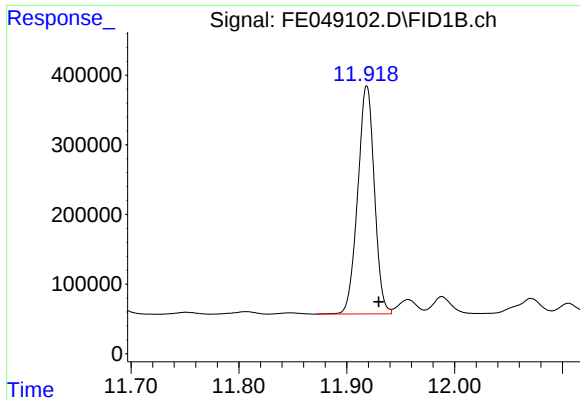
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.012 min
Response: 2958776
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.011 min
Response: 3001062
Conc: 18.82 ug/ml



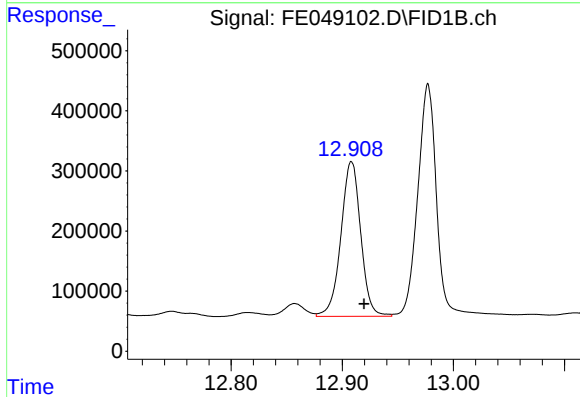
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.011 min
Response: 3513071
Conc: 21.01 ug/ml

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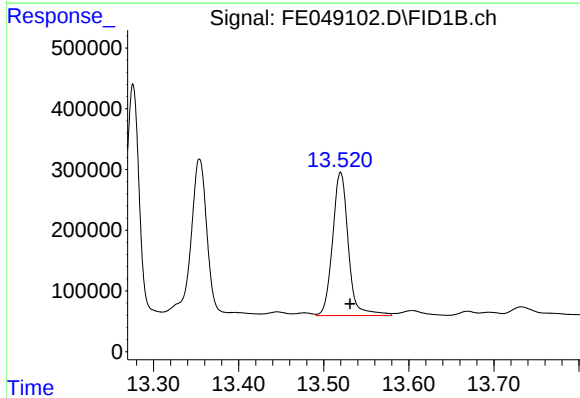
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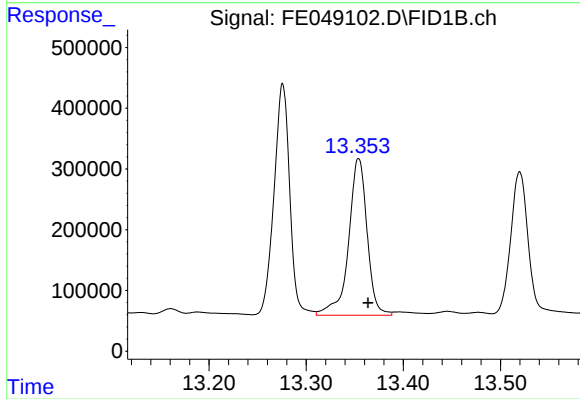
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.011 min
Response: 3198009
Conc: 20.63 ug/ml



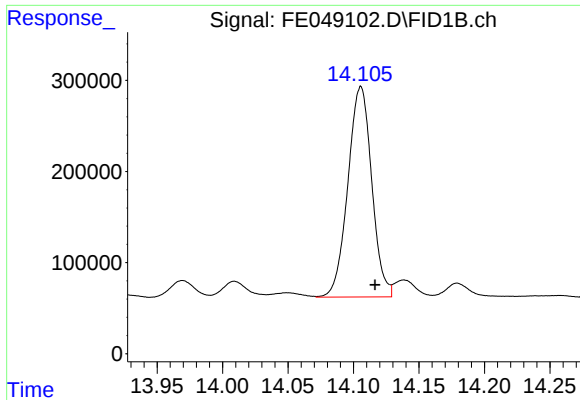
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.011 min
Response: 3027512
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.010 min
Response: 3428161
Conc: 26.66 ug/ml



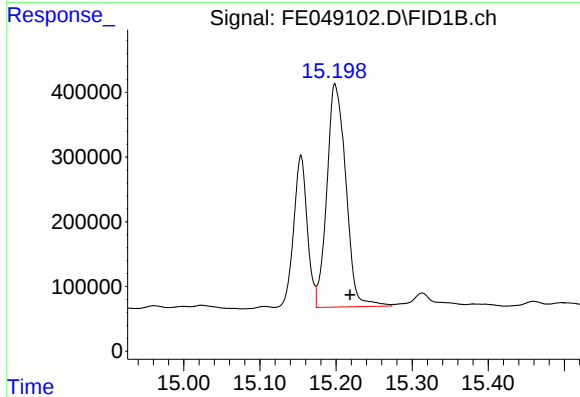
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.011 min
Response: 2927277
Conc: 19.36 ug/ml

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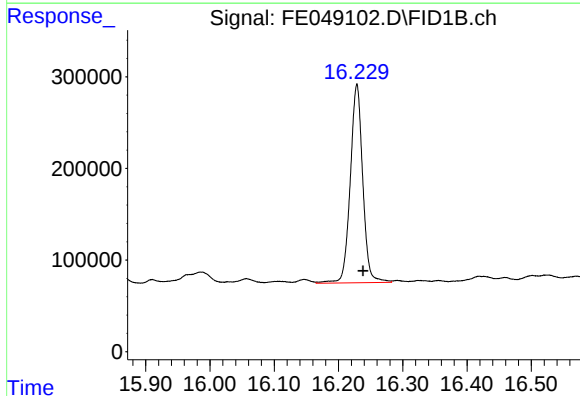
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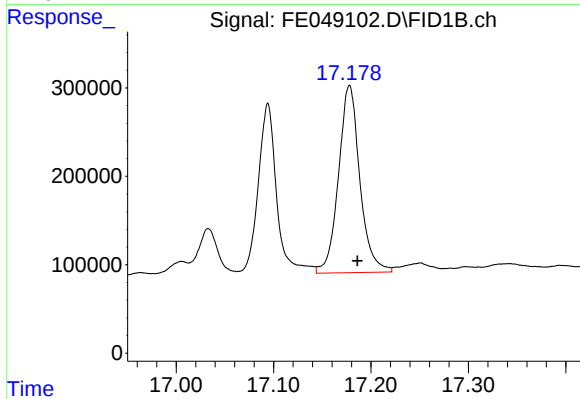
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.020 min
Response: 5973009
Conc: 39.75 ug/ml



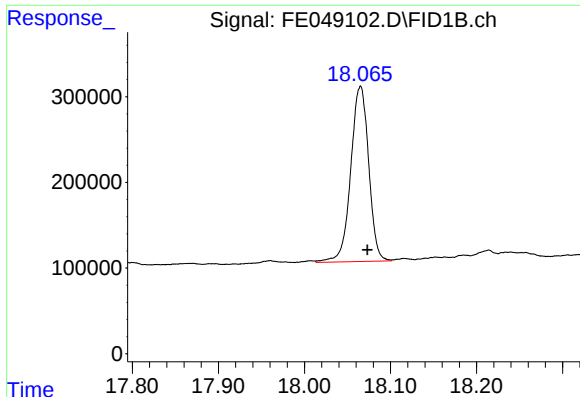
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.009 min
Response: 2926547
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.008 min
Response: 3223983
Conc: 22.36 ug/ml



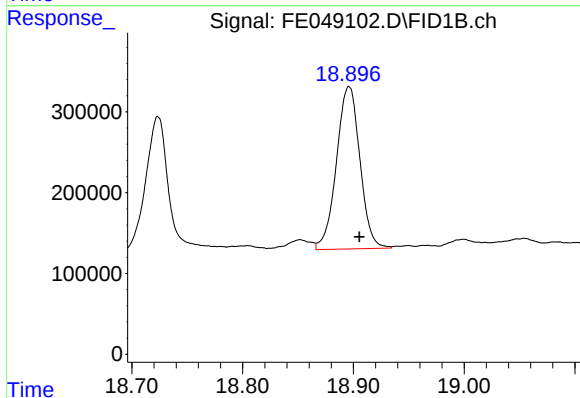
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.008 min
Response: 2962224
Conc: 20.25 ug/ml

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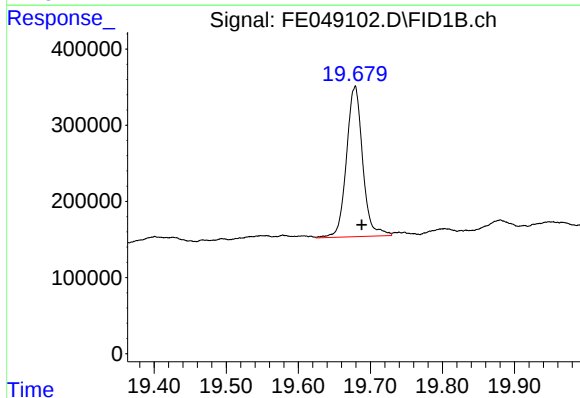
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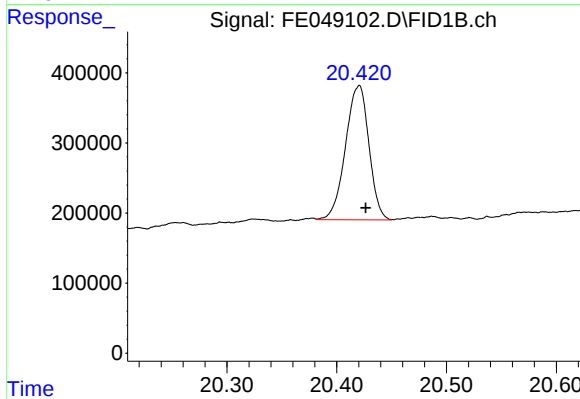
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.009 min
Response: 2963217
Conc: 20.72 ug/ml



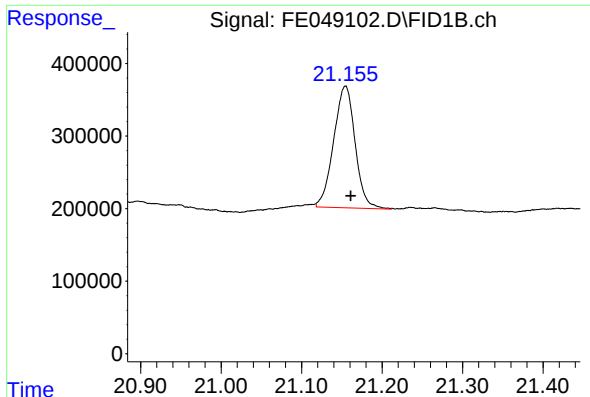
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.009 min
Response: 3078190
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.006 min
Response: 2839114
Conc: 21.84 ug/ml m



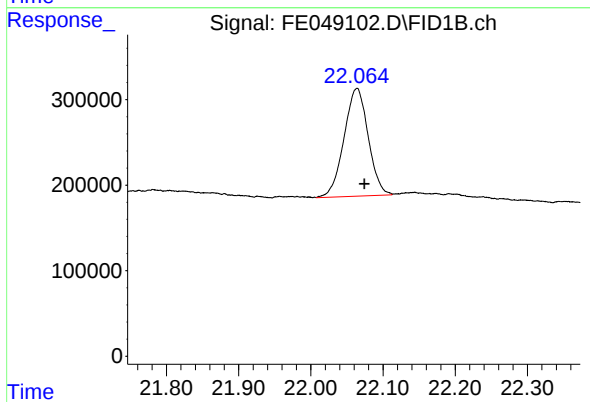
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.006 min
Response: 3099699
Conc: 24.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.011 min
Response: 2933593
Conc: 23.96 ug/ml m