

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061622AL\
 Data File : FE036104.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 18:43
 Operator : YP\AJ
 Sample : N3353-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-061422-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2022
 Supervised By :Ankita Jodhani 06/17/2022

Integration File: sample.E
 Quant Time: Jun 17 01:16:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.876	4663517	34.142 ug/ml
Spiked Amount 50.000		Recovery =	68.28%
12) S 1-chlorooctadecane (S...	12.310	7215706	69.045 ug/mlm
Spiked Amount 50.000		Recovery =	138.09%
Target Compounds			
1) T n-Nonane (C9)	2.725	2824534	22.372 ug/ml
2) T n-Decane (C10)	3.738	3431848	27.555 ug/ml
3) T A~Naphthalene (C11.7)	5.298	4159065	29.880 ug/ml
4) T n-Dodecane (C12)	5.727	3855075	30.650 ug/ml
5) T A~2-methylnaphthalene...	6.347	4431193	31.708 ug/ml
6) T n-Tetradecane (C14)	7.521	4373282	34.990 ug/ml
7) T n-Hexadecane (C16)	9.119	4936028	40.331 ug/ml
8) T n-Octadecane (C18)	10.561	4978424	40.900 ug/ml
10) T n-Eicosane (C20)	11.872	5336906	44.190 ug/ml
11) T n-Heneicosane (C21)	12.483	5635653	46.538 ug/ml
13) T n-Docosane (C22)	13.069	5933266	49.119 ug/ml
14) T n-Tetracosane (C24)	14.173	3496386	28.803 ug/ml
15) T n-Hexacosane (C26)	15.195	5064158	41.695 ug/ml
16) T n-Octacosane (C28)	16.140	5826201	47.883 ug/mlm
17) T n-Tricontane (C30)	17.037	5035627	41.585 ug/mlm
18) T n-Dotriacontane (C32)	17.870	5389720	46.134 ug/mlm
19) T n-Tetratriacontane (C34)	18.654	5549739	50.719 ug/mlm
20) T n-Hexatriacontane (C36)	19.395	4163657	40.809 ug/mlm
21) T n-Octatriacontane (C38)	20.127	3964116	40.301 ug/mlm
22) T n-Tetracontane (C40)	21.029	3960450	40.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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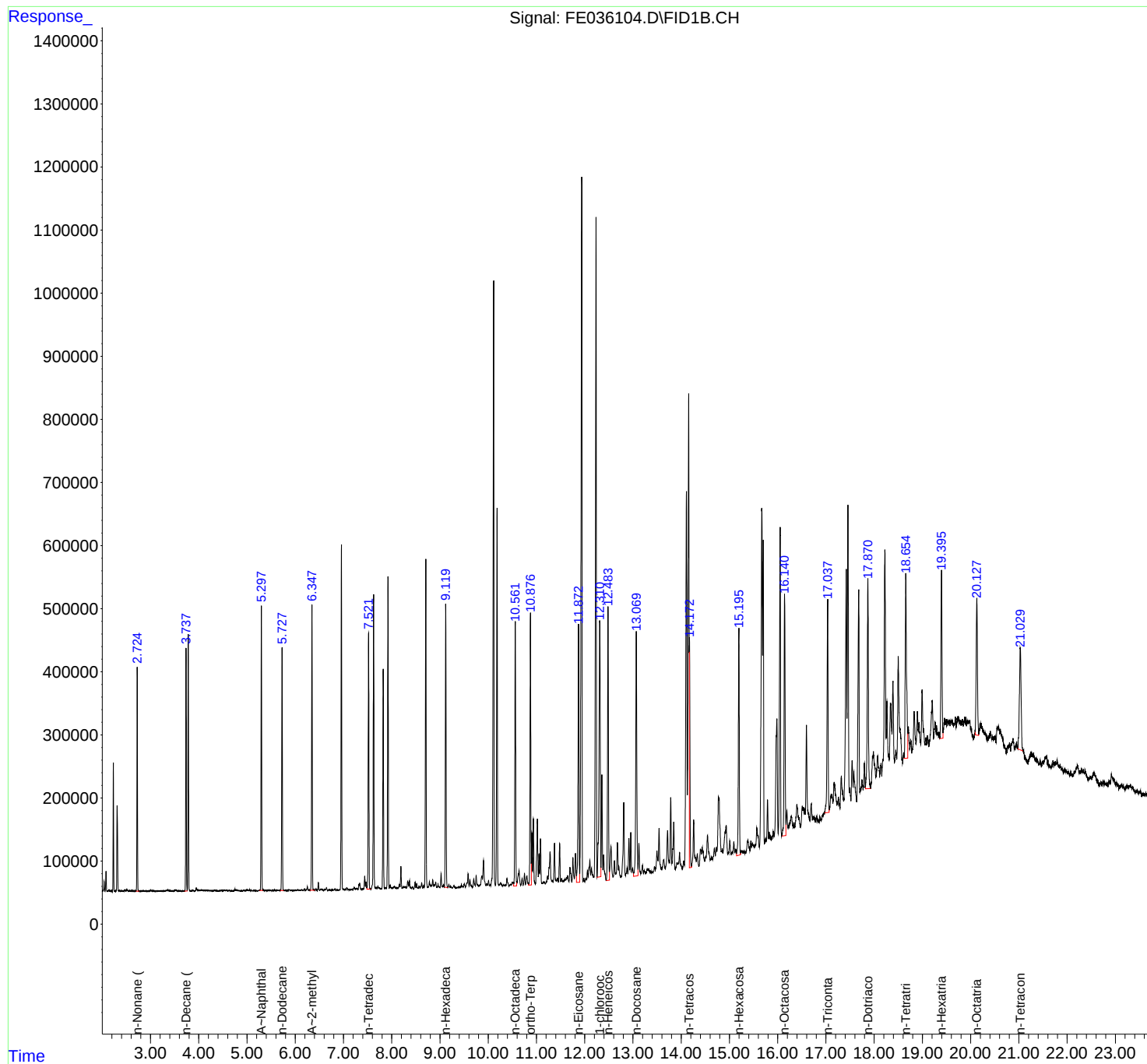
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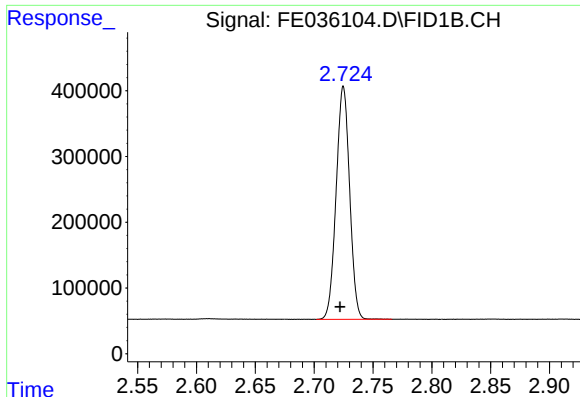
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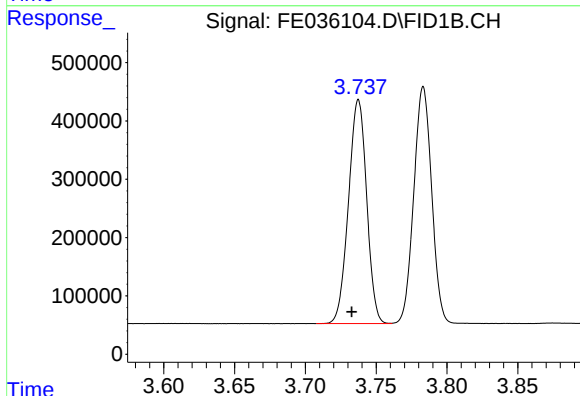
#1 n-Nonane (C9)

R.T.: 2.725 min
Delta R.T.: 0.003 min
Response: 2824534
Conc: 22.37 ug/ml

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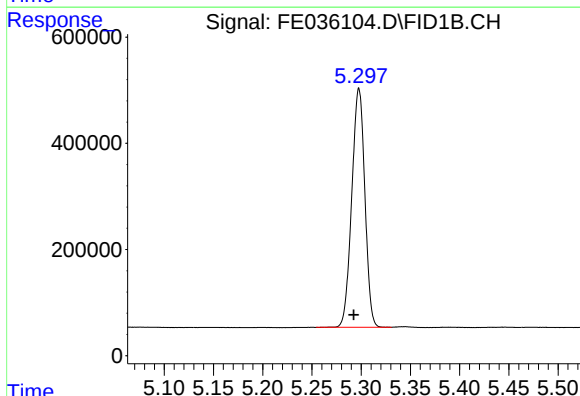
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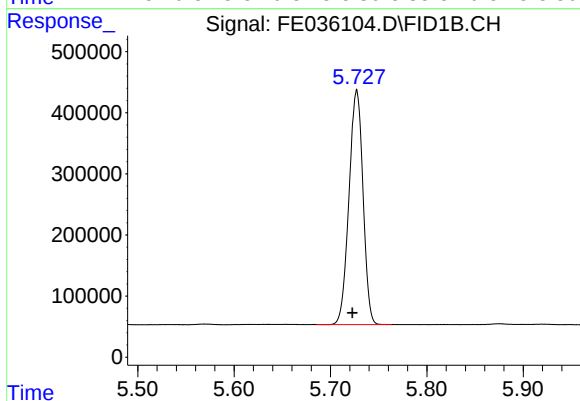
#2 n-Decane (C10)

R.T.: 3.738 min
Delta R.T.: 0.005 min
Response: 3431848
Conc: 27.55 ug/ml



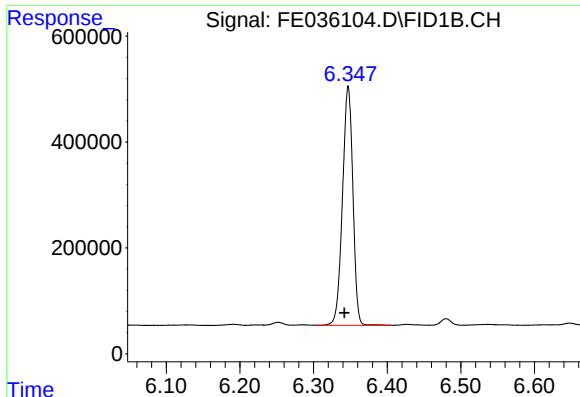
#3 A~Naphthalene (C11.7)

R.T.: 5.298 min
Delta R.T.: 0.005 min
Response: 4159065
Conc: 29.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.727 min
Delta R.T.: 0.005 min
Response: 3855075
Conc: 30.65 ug/ml



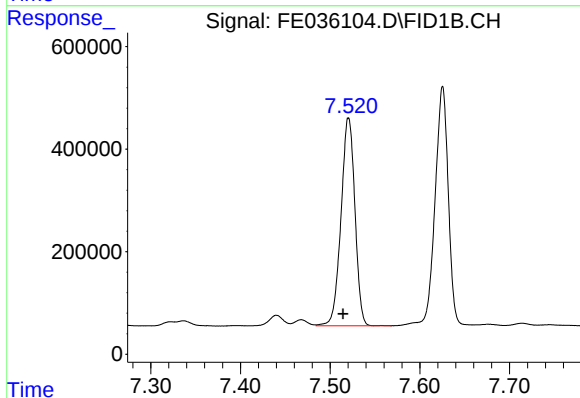
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 4431193
Conc: 31.71 ug/ml

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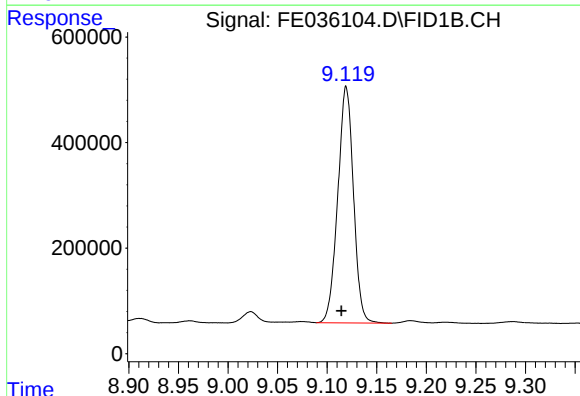
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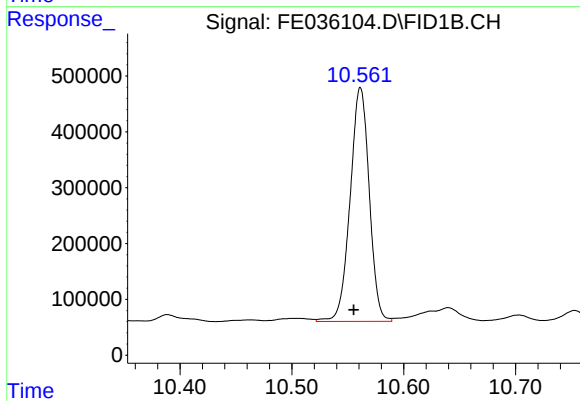
#6 n-Tetradecane (C14)

R.T.: 7.521 min
Delta R.T.: 0.006 min
Response: 4373282
Conc: 34.99 ug/ml



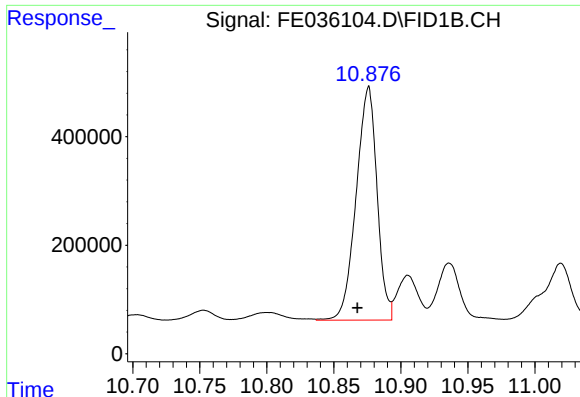
#7 n-Hexadecane (C16)

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 4936028
Conc: 40.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 4978424
Conc: 40.90 ug/ml



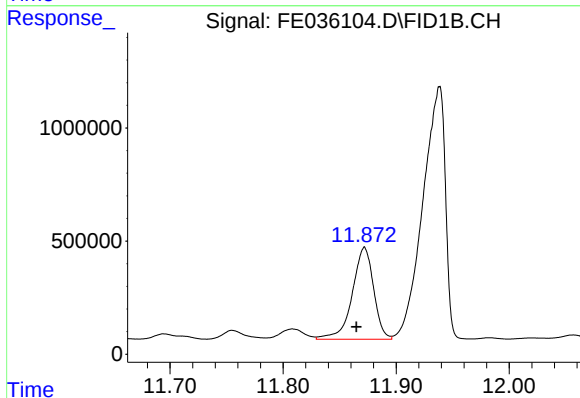
#9 ortho-Terphenyl (SURR)

R.T.: 10.876 min
Delta R.T.: 0.008 min
Response: 4663517
Conc: 34.14 ug/ml

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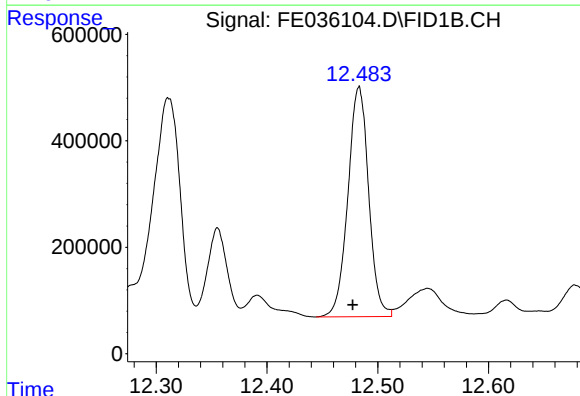
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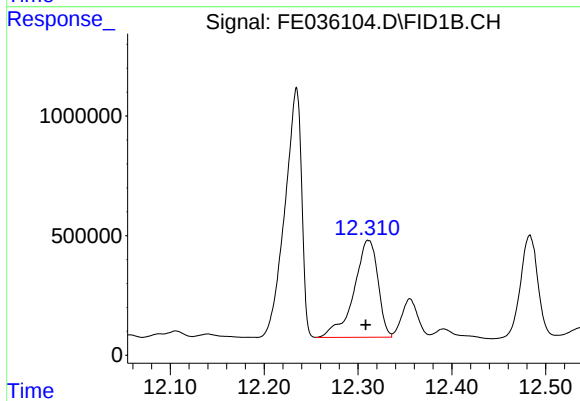
#10 n-Eicosane (C20)

R.T.: 11.872 min
Delta R.T.: 0.007 min
Response: 5336906
Conc: 44.19 ug/ml



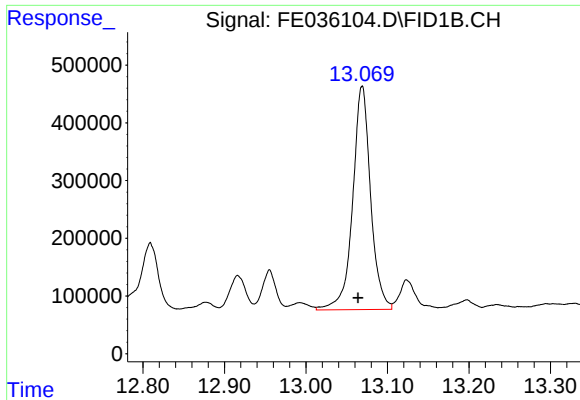
#11 n-Heneicosane (C21)

R.T.: 12.483 min
Delta R.T.: 0.006 min
Response: 5635653
Conc: 46.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.310 min
Delta R.T.: 0.002 min
Response: 7215706
Conc: 69.05 ug/ml m



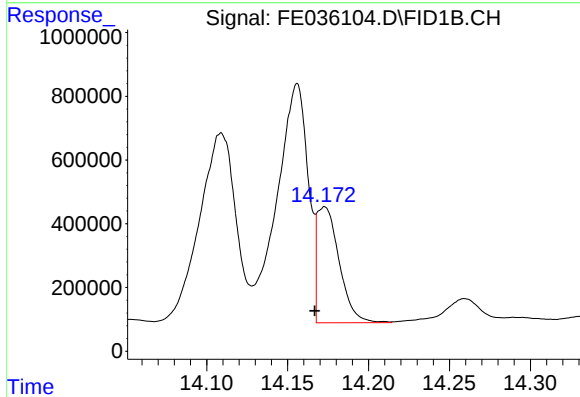
#13 n-Docosane (C22)

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 5933266
Conc: 49.12 ug/ml

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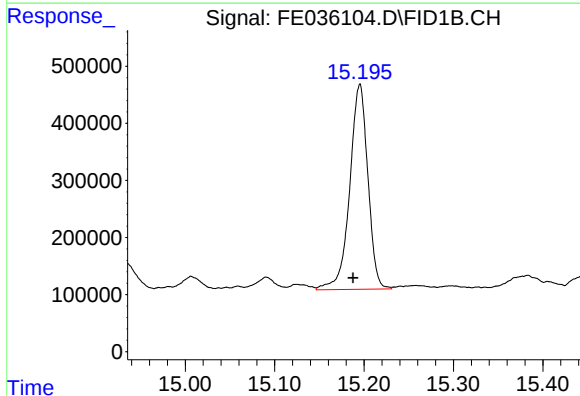
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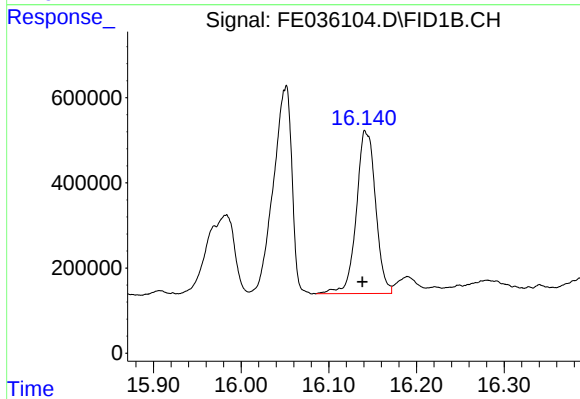
#14 n-Tetracosane (C24)

R.T.: 14.173 min
Delta R.T.: 0.006 min
Response: 3496386
Conc: 28.80 ug/ml



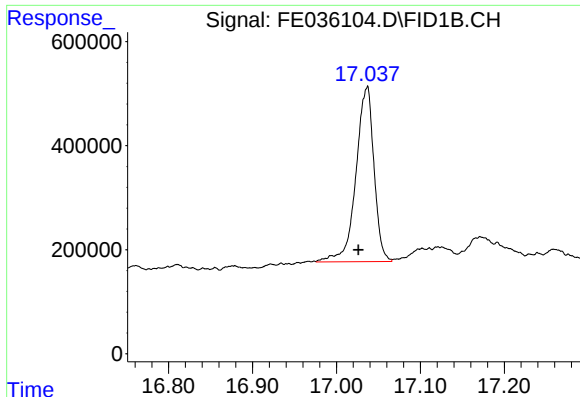
#15 n-Hexacosane (C26)

R.T.: 15.195 min
Delta R.T.: 0.007 min
Response: 5064158
Conc: 41.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.140 min
Delta R.T.: 0.002 min
Response: 5826201
Conc: 47.88 ug/ml m



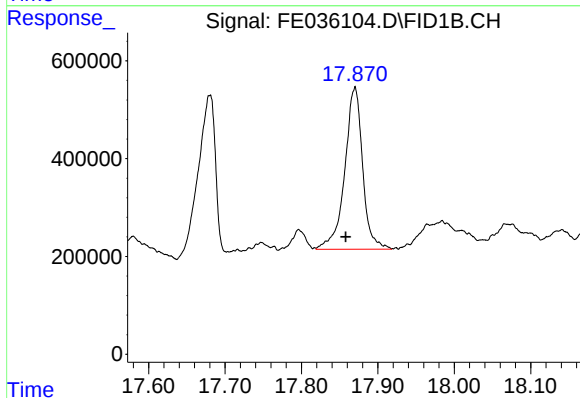
#17 n-Tricontane (C30)

R.T.: 17.037 min
Delta R.T.: 0.011 min
Response: 5035627
Conc: 41.58 ug/ml

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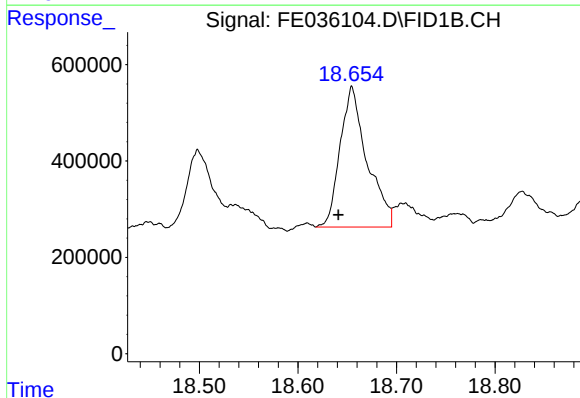
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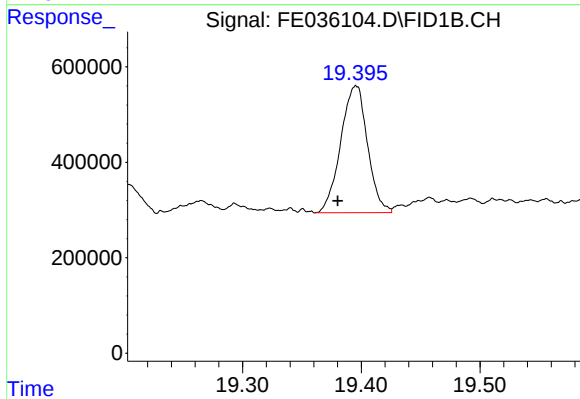
#18 n-Dotriacontane (C32)

R.T.: 17.870 min
Delta R.T.: 0.012 min
Response: 5389720
Conc: 46.13 ug/ml m



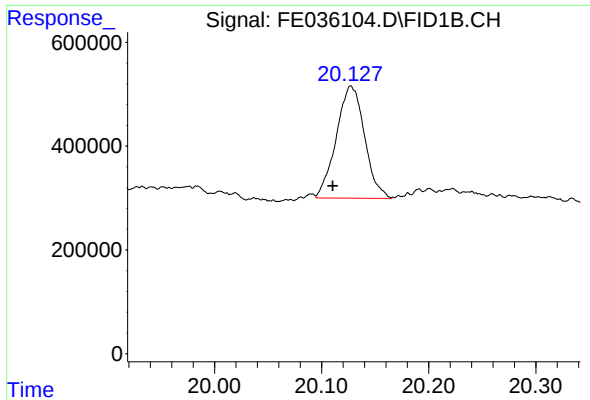
#19 n-Tetratriacontane (C34)

R.T.: 18.654 min
Delta R.T.: 0.013 min
Response: 5549739
Conc: 50.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.395 min
Delta R.T.: 0.015 min
Response: 4163657
Conc: 40.81 ug/ml m



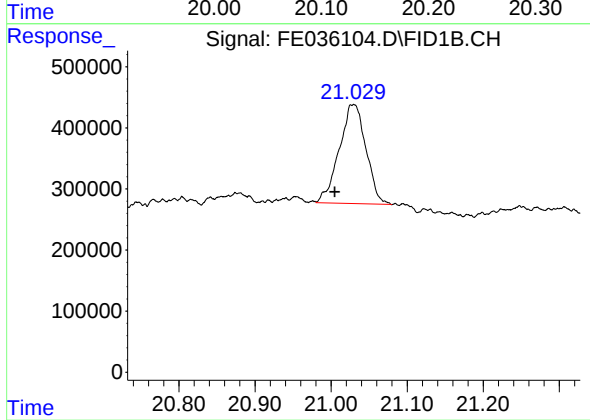
#21 n-Octatriacontane (C38)

R.T.: 20.127 min
Delta R.T.: 0.017 min
Response: 3964116
Conc: 40.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.029 min
Delta R.T.: 0.024 min
Response: 3960450
Conc: 40.67 ug/ml m