

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061622AL\
 Data File : FE036105.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 19:14
 Operator : YP\AJ
 Sample : N3353-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 01:16:52 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	4421575	32.370 ug/ml
Spiked Amount 50.000		Recovery =	64.74%
12) S 1-chlorooctadecane (S...	12.313	7159172	68.504 ug/ml
Spiked Amount 50.000		Recovery =	137.01%
Target Compounds			
1) T n-Nonane (C9)	2.726	2714179	21.498 ug/ml
2) T n-Decane (C10)	3.739	3292559	26.436 ug/ml
3) T A~Naphthalene (C11.7)	5.299	3986702	28.641 ug/ml
4) T n-Dodecane (C12)	5.728	3702172	29.435 ug/ml
5) T A~2-methylnaphthalene...	6.349	4248939	30.404 ug/ml
6) T n-Tetradecane (C14)	7.522	4192332	33.543 ug/ml
7) T n-Hexadecane (C16)	9.121	4728142	38.632 ug/ml
8) T n-Octadecane (C18)	10.562	4746521	38.995 ug/ml
10) T n-Eicosane (C20)	11.873	5075549	42.026 ug/ml
11) T n-Heneicosane (C21)	12.485	5302634	43.788 ug/ml
13) T n-Docosane (C22)	13.072	5608467	46.430 ug/ml
14) T n-Tetracosane (C24)	14.168	3099250	25.531 ug/mlm
15) T n-Hexacosane (C26)	15.198	4822035	39.702 ug/ml
16) T n-Octacosane (C28)	16.146	5313687	43.671 ug/mlm
17) T n-Tricontane (C30)	17.037	4772246	39.410 ug/mlm
18) T n-Dotriacontane (C32)	17.872	5276960	45.169 ug/mlm
19) T n-Tetratriacontane (C34)	18.656	5242320	47.910 ug/mlm
20) T n-Hexatriacontane (C36)	19.397	4087712	40.065 ug/mlm
21) T n-Octatriacontane (C38)	20.127	4093998	41.622 ug/mlm
22) T n-Tetracontane (C40)	21.028	3805234	39.077 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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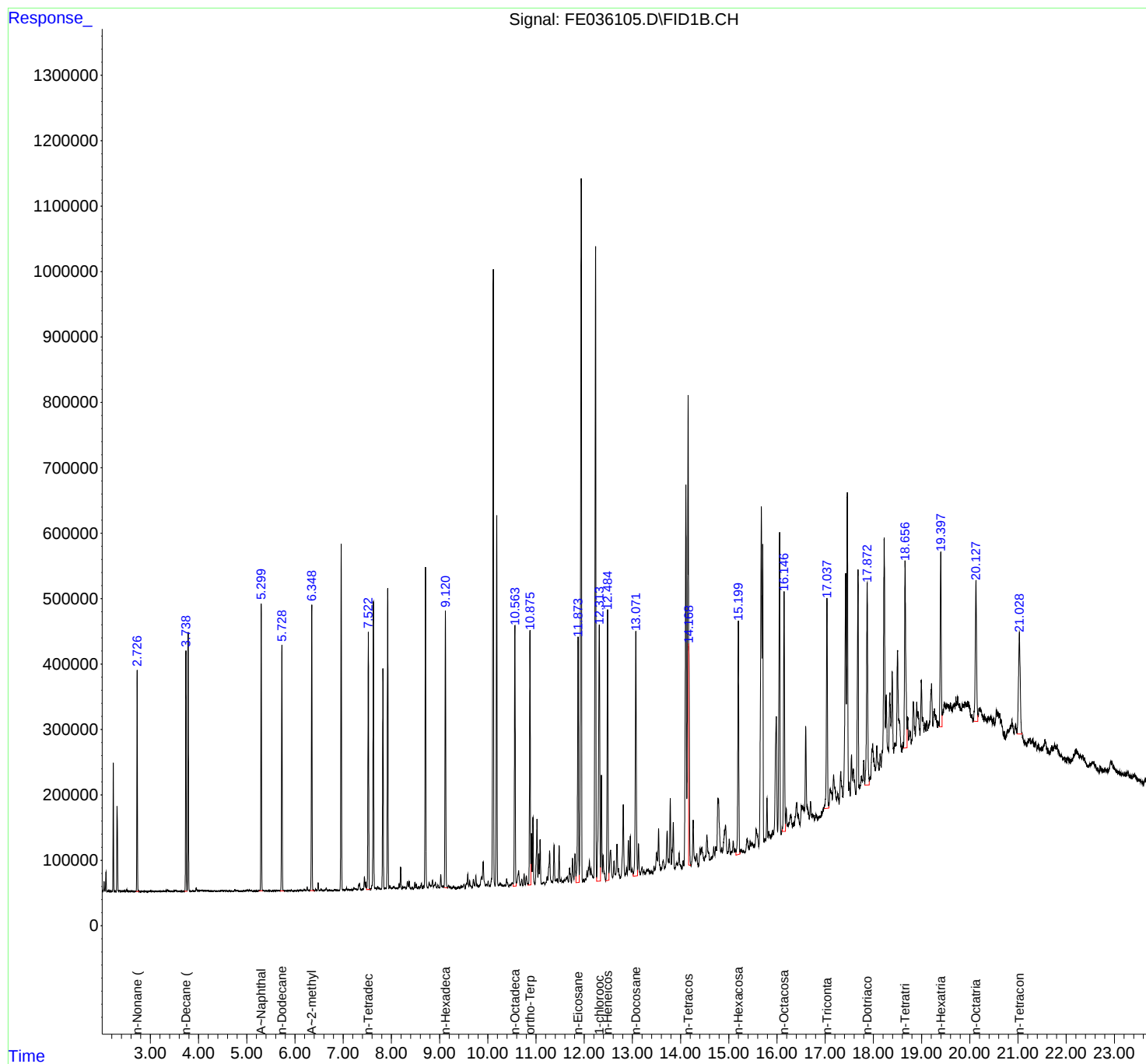
Instrument :
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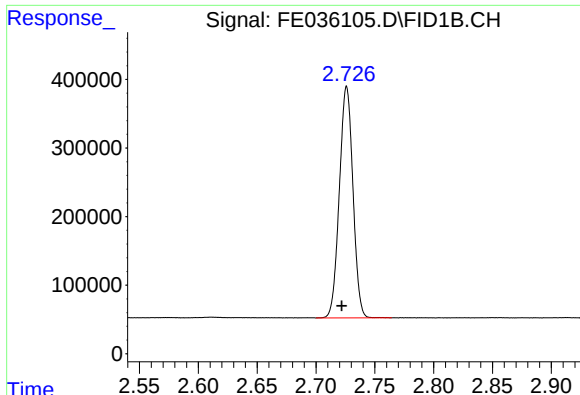
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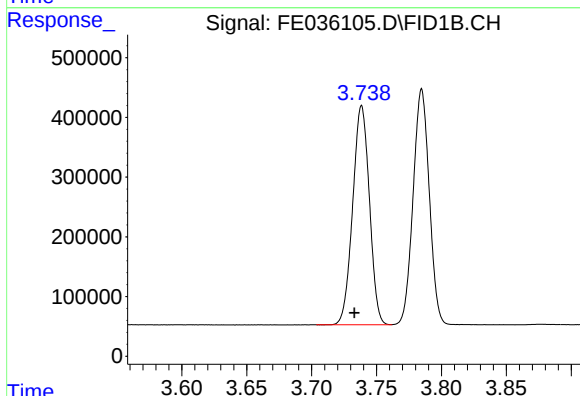
#1 n-Nonane (C9)

R.T.: 2.726 min
Delta R.T.: 0.004 min
Response: 2714179
Conc: 21.50 ug/ml

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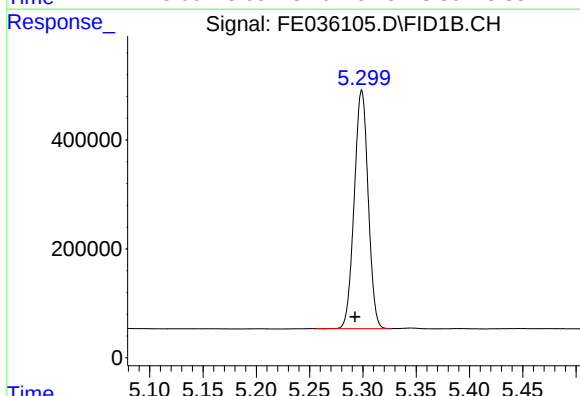
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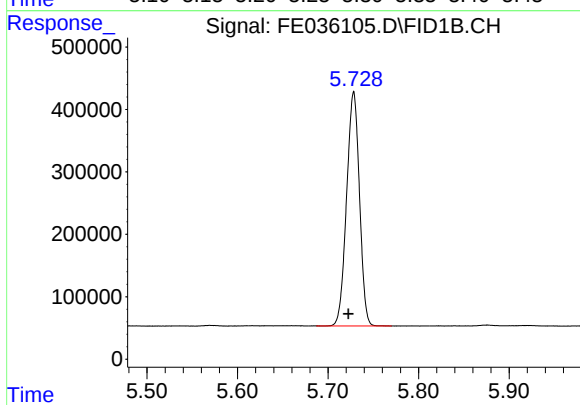
#2 n-Decane (C10)

R.T.: 3.739 min
Delta R.T.: 0.006 min
Response: 3292559
Conc: 26.44 ug/ml



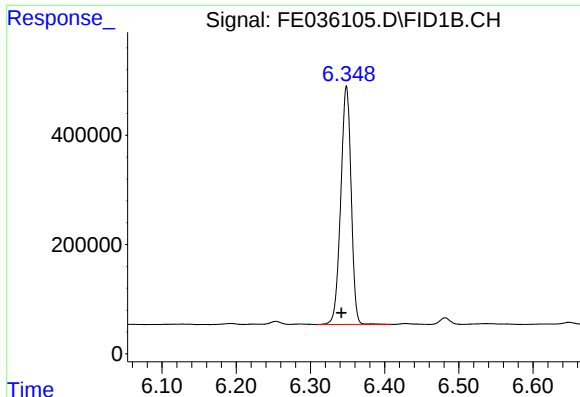
#3 A~Naphthalene (C11.7)

R.T.: 5.299 min
Delta R.T.: 0.006 min
Response: 3986702
Conc: 28.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.728 min
Delta R.T.: 0.006 min
Response: 3702172
Conc: 29.43 ug/ml



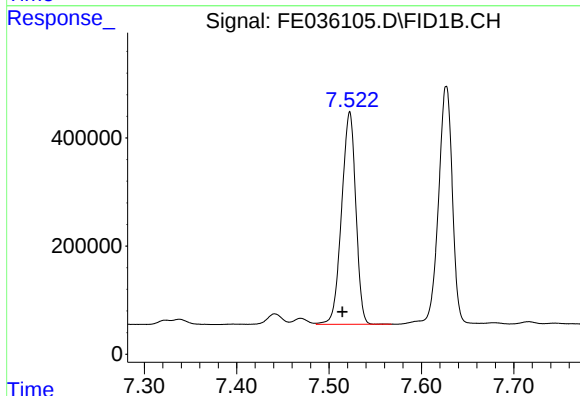
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.349 min
Delta R.T.: 0.007 min
Response: 4248939
Conc: 30.40 ug/ml

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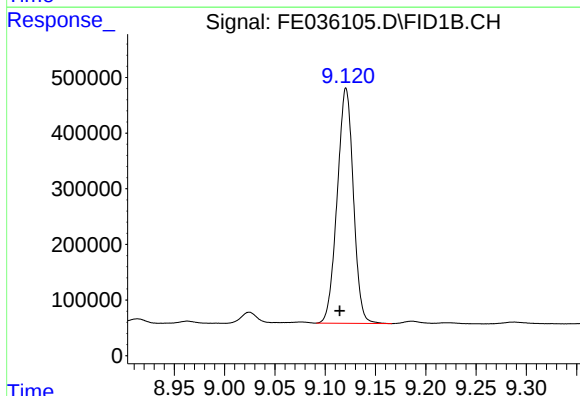
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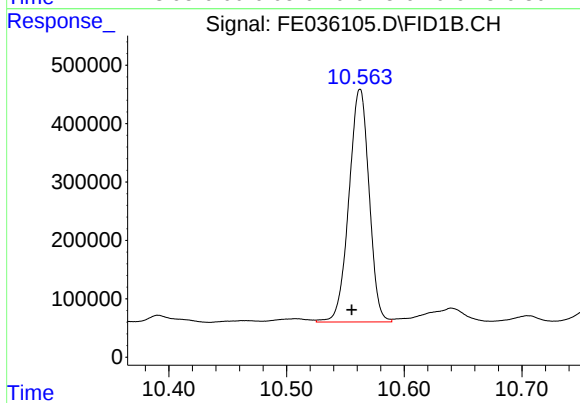
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: 0.008 min
Response: 4192332
Conc: 33.54 ug/ml



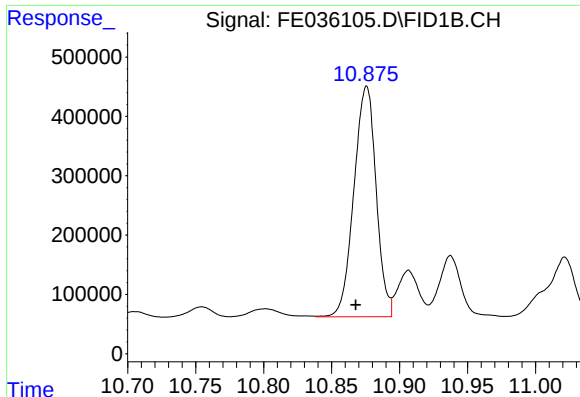
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: 0.006 min
Response: 4728142
Conc: 38.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.562 min
Delta R.T.: 0.007 min
Response: 4746521
Conc: 39.00 ug/ml



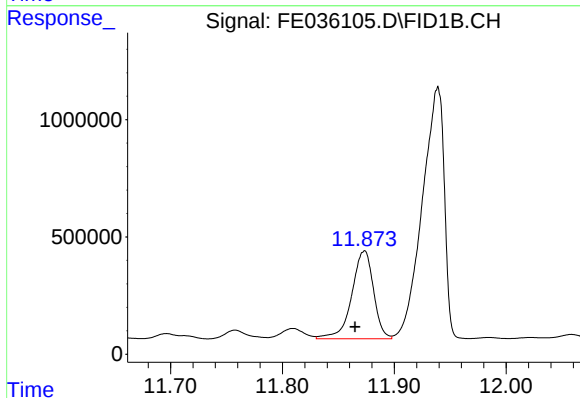
#9 ortho-Terphenyl (SURR)

R.T.: 10.876 min
Delta R.T.: 0.008 min
Response: 4421575
Conc: 32.37 ug/ml

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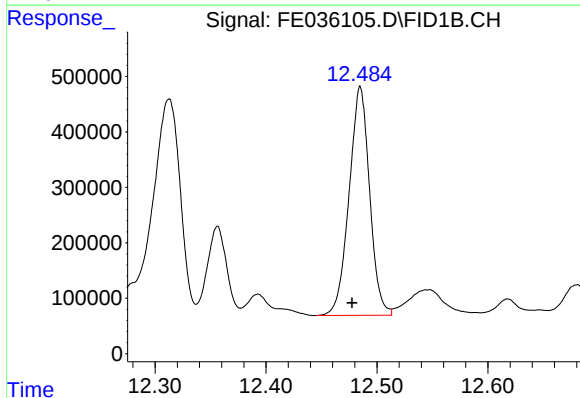
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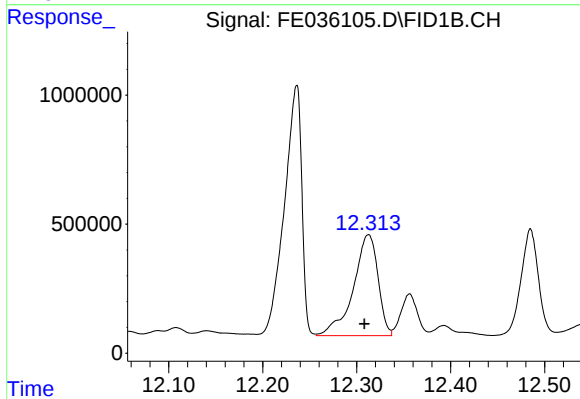
#10 n-Eicosane (C20)

R.T.: 11.873 min
Delta R.T.: 0.008 min
Response: 5075549
Conc: 42.03 ug/ml



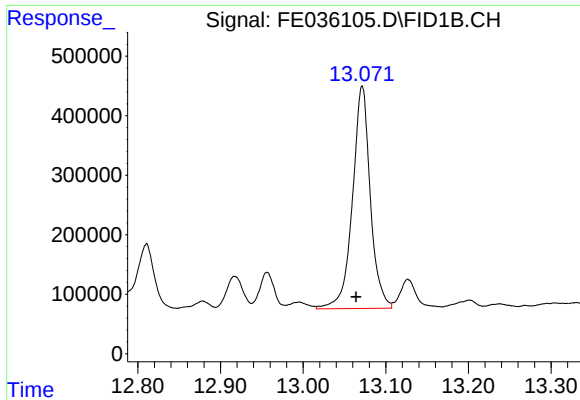
#11 n-Heneicosane (C21)

R.T.: 12.485 min
Delta R.T.: 0.008 min
Response: 5302634
Conc: 43.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.313 min
Delta R.T.: 0.004 min
Response: 7159172
Conc: 68.50 ug/ml



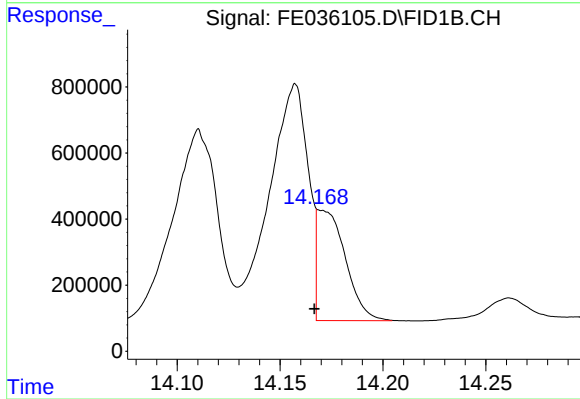
#13 n-Docosane (C22)

R.T.: 13.072 min
Delta R.T.: 0.008 min
Response: 5608467
Conc: 46.43 ug/ml

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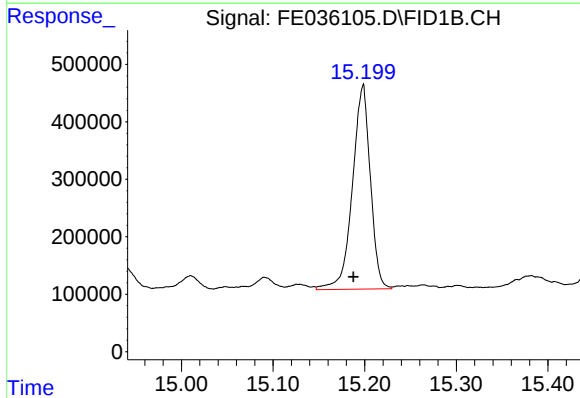
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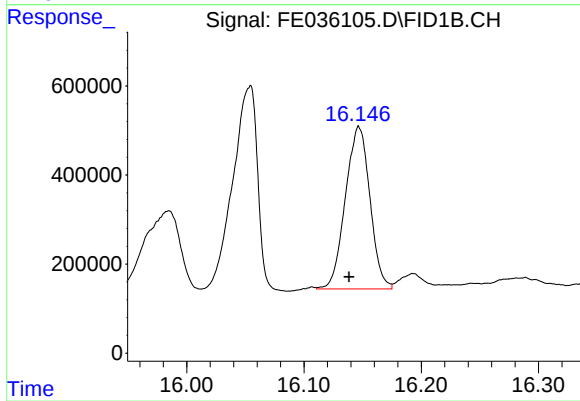
#14 n-Tetracosane (C24)

R.T.: 14.168 min
Delta R.T.: 0.000 min
Response: 3099250
Conc: 25.53 ug/ml m



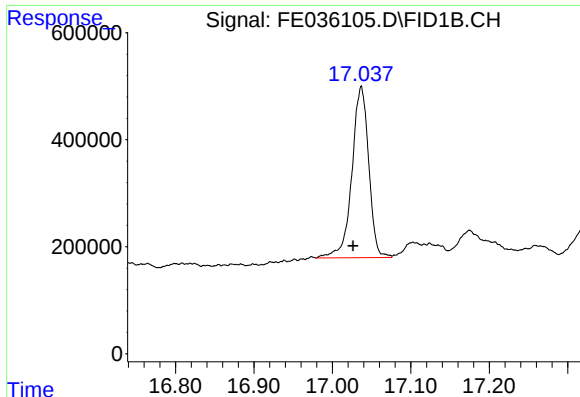
#15 n-Hexacosane (C26)

R.T.: 15.198 min
Delta R.T.: 0.010 min
Response: 4822035
Conc: 39.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.146 min
Delta R.T.: 0.008 min
Response: 5313687
Conc: 43.67 ug/ml m



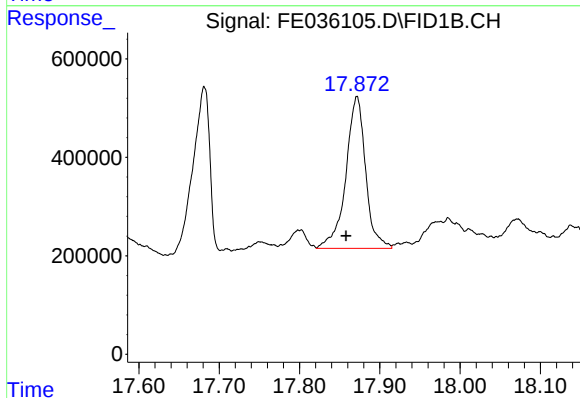
#17 n-Tricontane (C30)

R.T.: 17.037 min
Delta R.T.: 0.010 min
Response: 4772246
Conc: 39.41 ug/ml

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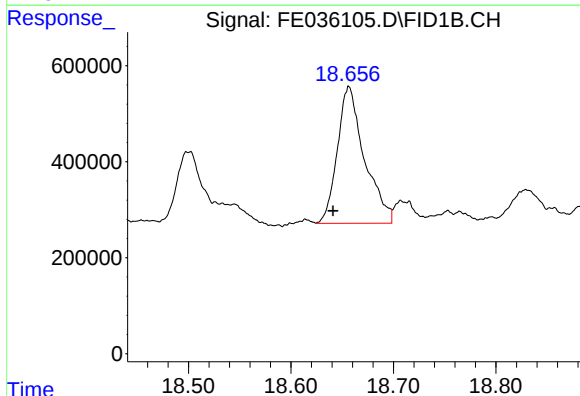
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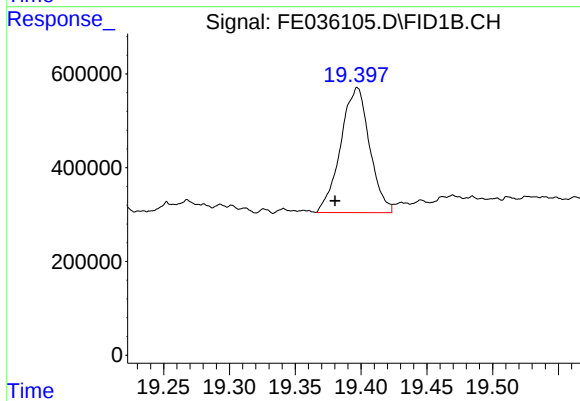
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: 0.014 min
Response: 5276960
Conc: 45.17 ug/ml m



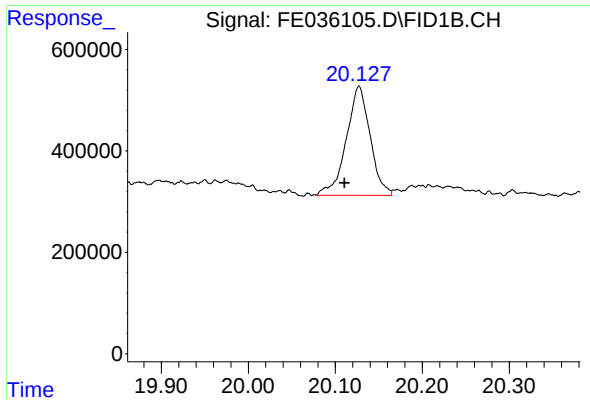
#19 n-Tetratriacontane (C34)

R.T.: 18.656 min
Delta R.T.: 0.014 min
Response: 5242320
Conc: 47.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.397 min
Delta R.T.: 0.016 min
Response: 4087712
Conc: 40.06 ug/ml m



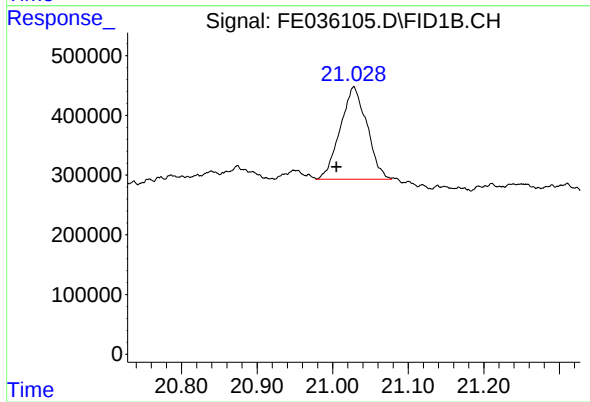
#21 n-Octatriacontane (C38)

R.T.: 20.127 min
Delta R.T.: 0.017 min
Response: 4093998
Conc: 41.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: 0.023 min
Response: 3805234
Conc: 39.08 ug/ml m