

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037229.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 18:58
 Operator : YP\AJ
 Sample : N4310-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-082322-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e
 Quant Time: Aug 25 01:58:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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)	11.678	6698527	38.760 ug/ml
Spiked Amount 50.000		Recovery =	77.52%
12) S 1-chlorooctadecane (S...	13.121	52484694	384.137 ug/ml
Spiked Amount 50.000		Recovery =	768.27%
Target Compounds			
1) T n-Nonane (C9)	3.064	3413157	22.911 ug/ml
2) T n-Decane (C10)	4.323	4179048	27.899 ug/ml
3) T A~Naphthalene (C11.7)	6.040	5173490	35.737 ug/ml
4) T n-Dodecane (C12)	6.493	5475735	35.421 ug/ml
5) T A~2-methylnaphthalene...	7.133	5842216	42.231 ug/ml
6) T n-Tetradecane (C14)	9.916	7864806	50.003 ug/ml
7) T n-Hexadecane (C16)	9.916	7864806	50.003 ug/ml
8) T n-Octadecane (C18)	11.353	8105818	50.296 ug/ml
10) T n-Eicosane (C20)	12.658	7935659	48.196 ug/ml
11) T n-Heneicosane (C21)	13.269	7646253	46.226 ug/ml
13) T n-Docosane (C22)	13.850	7705982	46.388 ug/ml
14) T n-Tetracosane (C24)	14.950	13091253	79.303 ug/ml
15) T n-Hexacosane (C26)	15.965	6610946	40.547 ug/ml
16) T n-Octacosane (C28)	16.910	6879849	43.329 ug/ml
17) T n-Tricontane (C30)	17.795	6307353	40.610 ug/ml
18) T n-Dotriacontane (C32)	18.624	6490548	43.513 ug/ml
19) T n-Tetratriacontane (C34)	19.406	6517727	48.508 ug/ml
20) T n-Hexatriacontane (C36)	20.143	5930416	46.194 ug/ml
21) T n-Octatriacontane (C38)	20.845	8508078	70.872 ug/ml
22) T n-Tetracontane (C40)	21.646	6475643	53.616 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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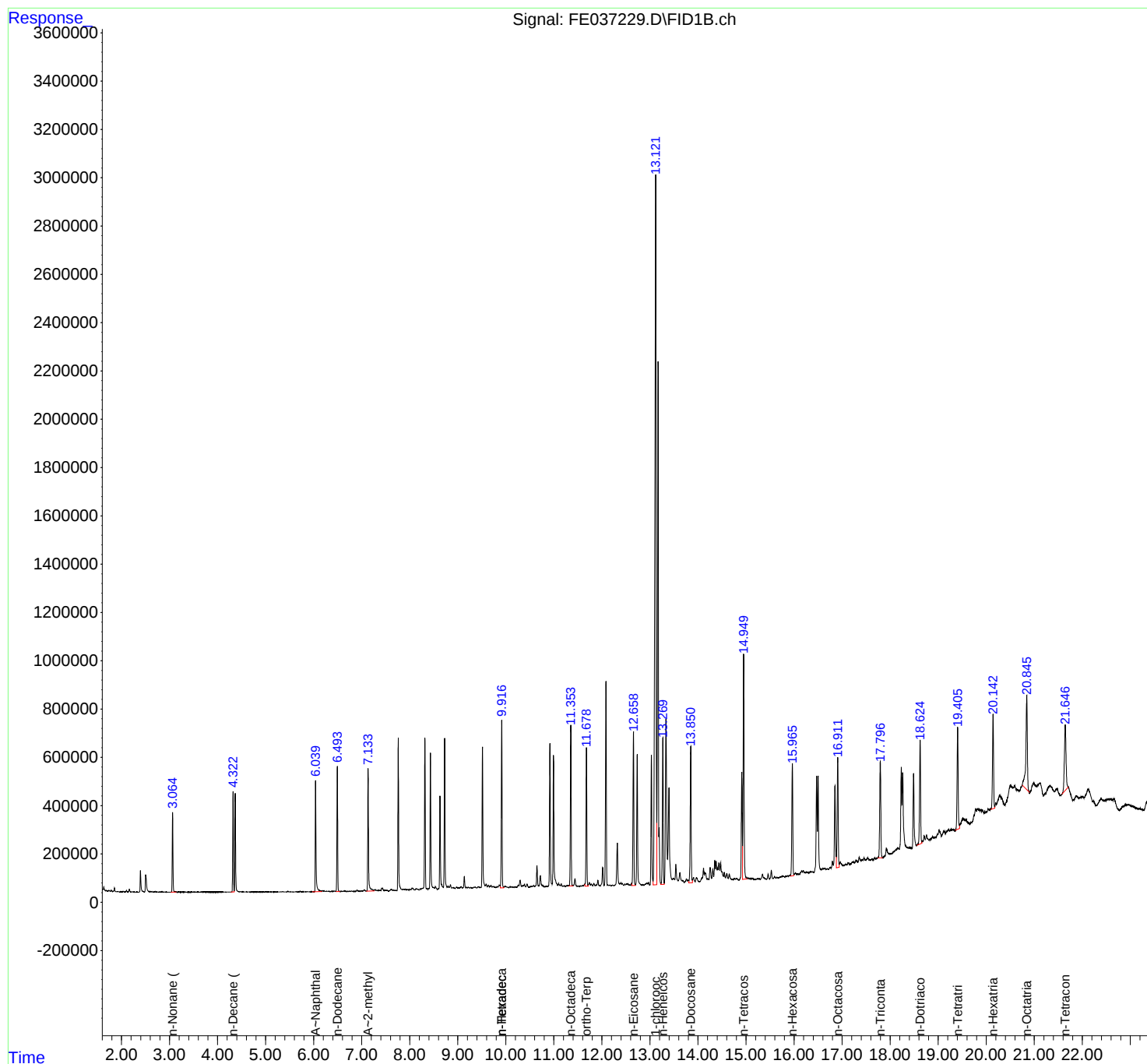
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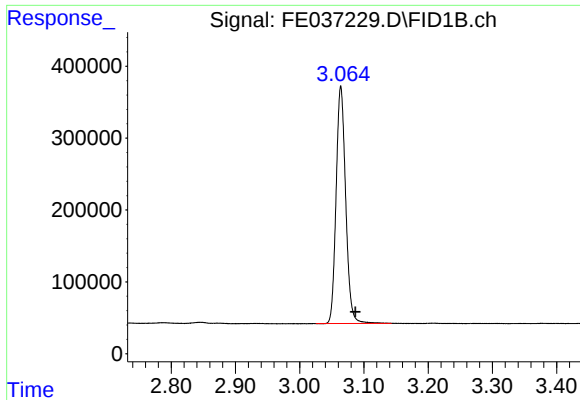
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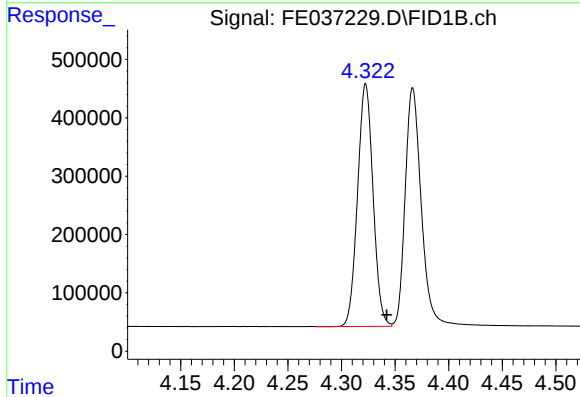
#1 n-Nonane (C9)

R.T.: 3.064 min
Delta R.T.: -0.023 min
Response: 3413157
Conc: 22.91 ug/ml

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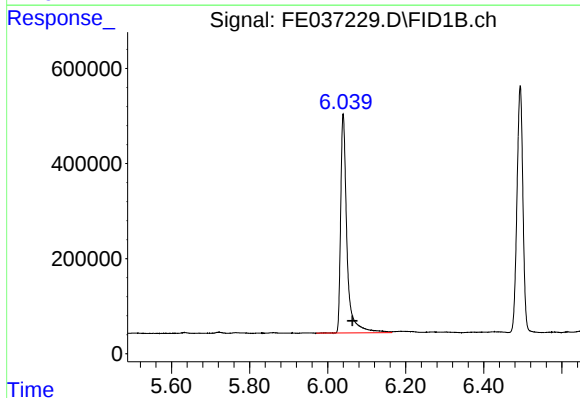
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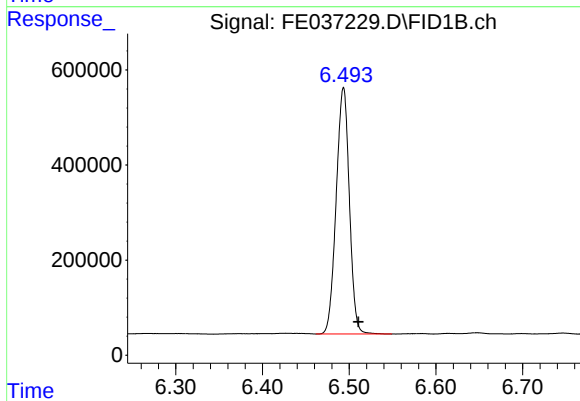
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: -0.020 min
Response: 4179048
Conc: 27.90 ug/ml



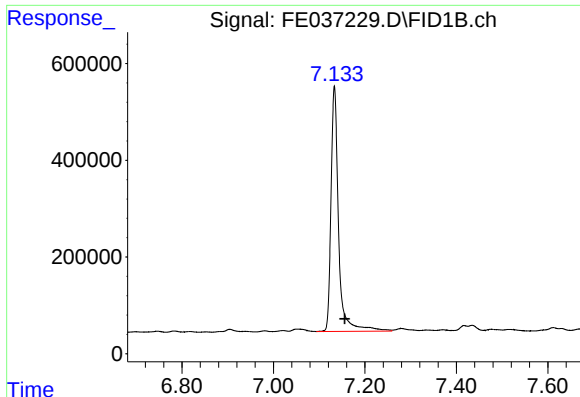
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.023 min
Response: 5173490
Conc: 35.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.017 min
Response: 5475735
Conc: 35.42 ug/ml



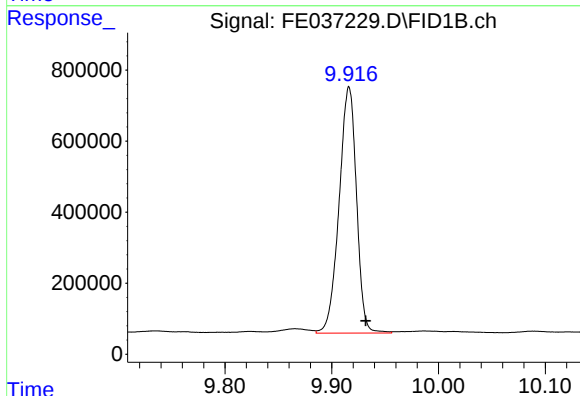
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.023 min
Response: 5842216
Conc: 42.23 ug/ml

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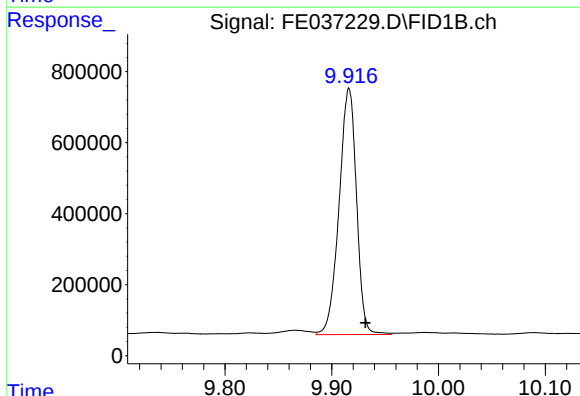
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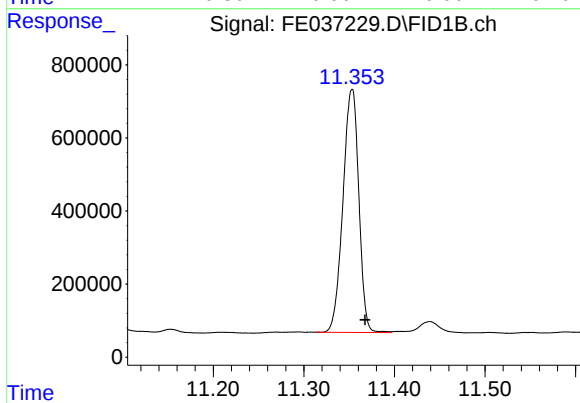
#6 n-Tetradecane (C14)

R.T.: 9.916 min
Delta R.T.: -0.016 min
Response: 7864806
Conc: 50.00 ug/ml



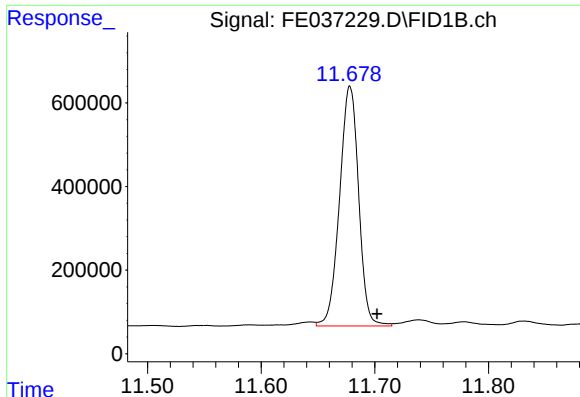
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: -0.015 min
Response: 7864806
Conc: 50.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.014 min
Response: 8105818
Conc: 50.30 ug/ml



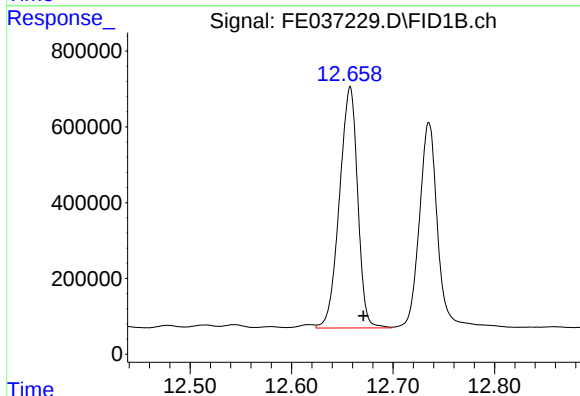
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.024 min
Response: 6698527
Conc: 38.76 ug/ml

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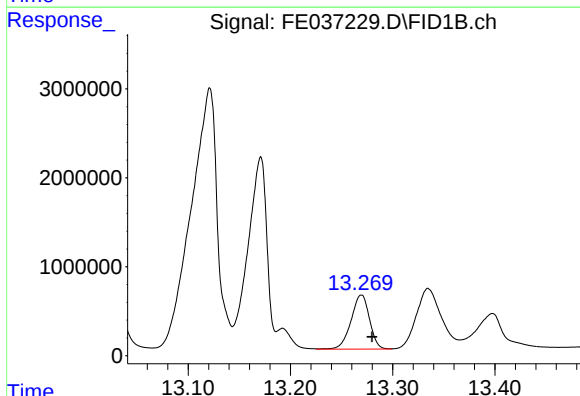
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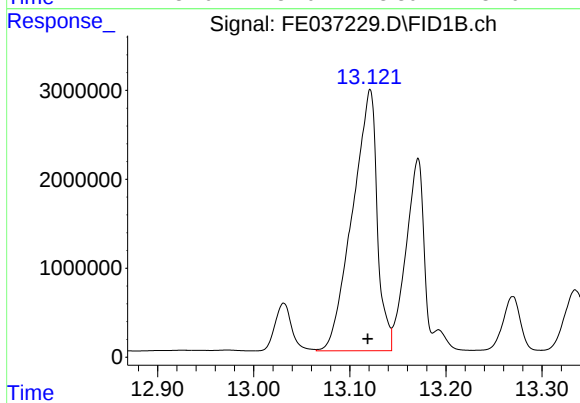
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.013 min
Response: 7935659
Conc: 48.20 ug/ml



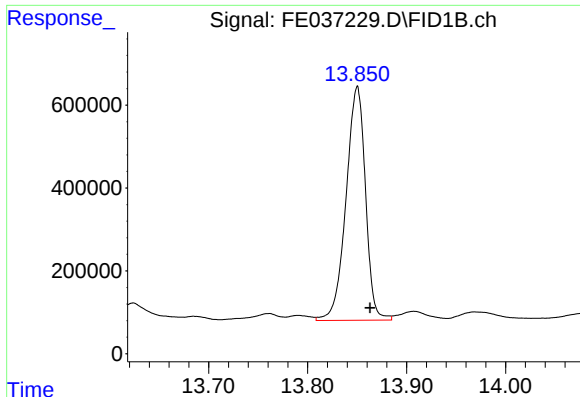
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.010 min
Response: 7646253
Conc: 46.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: 0.002 min
Response: 52484694
Conc: 384.14 ug/ml



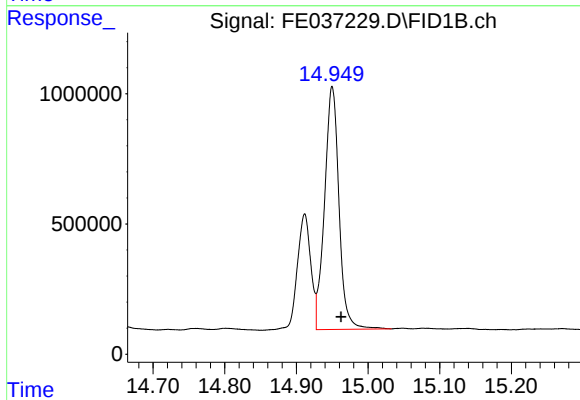
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.013 min
Response: 7705982
Conc: 46.39 ug/ml

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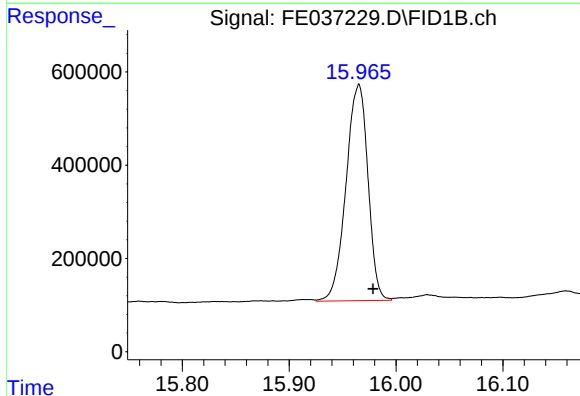
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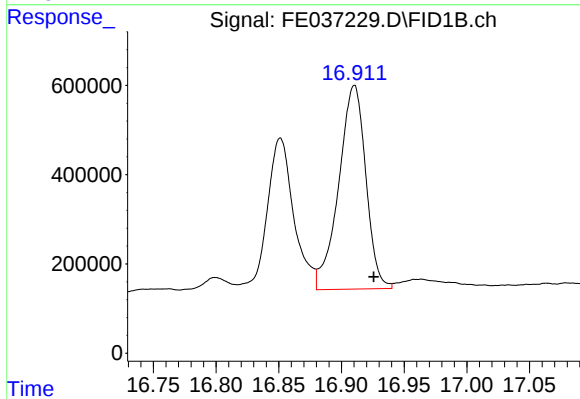
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.012 min
Response: 13091253
Conc: 79.30 ug/ml



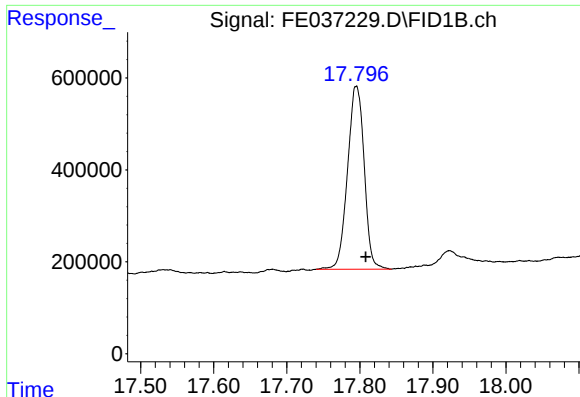
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: -0.013 min
Response: 6610946
Conc: 40.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.016 min
Response: 6879849
Conc: 43.33 ug/ml



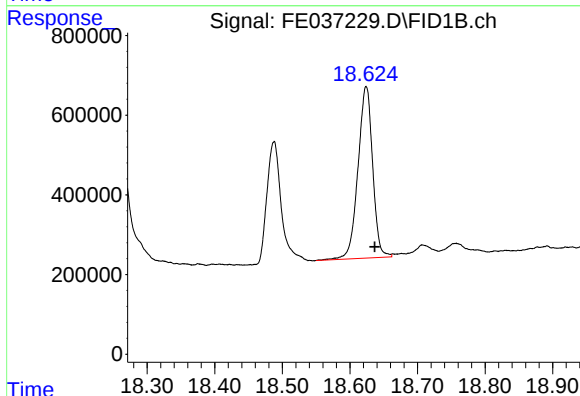
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.013 min
Response: 6307353
Conc: 40.61 ug/ml

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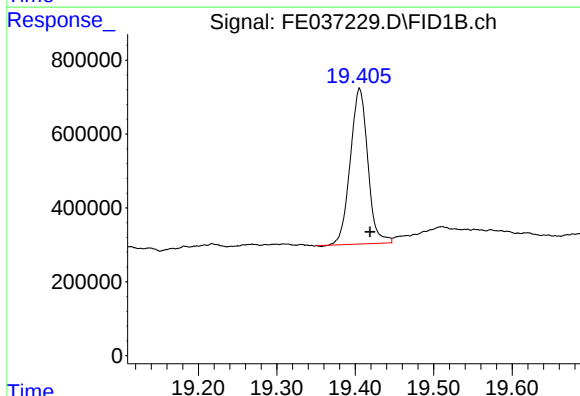
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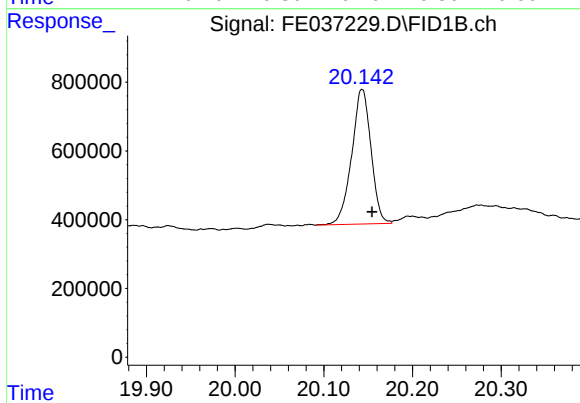
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.013 min
Response: 6490548
Conc: 43.51 ug/ml



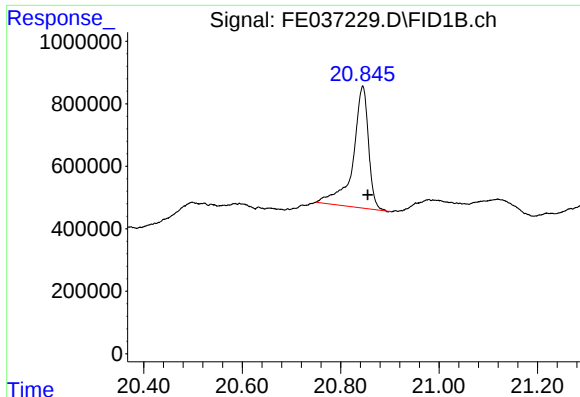
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.013 min
Response: 6517727
Conc: 48.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: -0.011 min
Response: 5930416
Conc: 46.19 ug/ml



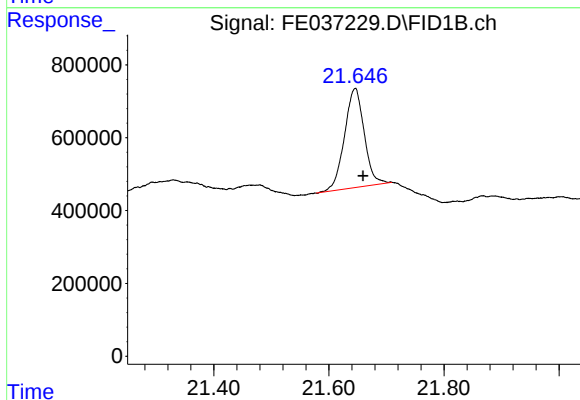
#21 n-Octatriacontane (C38)

R.T.: 20.845 min
Delta R.T.: -0.010 min
Response: 8508078
Conc: 70.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: -0.013 min
Response: 6475643
Conc: 53.62 ug/ml m