

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037234.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 21:33
 Operator : YP\AJ
 Sample : PB147249BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147249BSD

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 01:59:32 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)	11.677	7484568	43.308 ug/ml
Spiked Amount 50.000		Recovery =	86.62%
12) S 1-chlorooctadecane (S...	13.097	6076317	44.473 ug/ml
Spiked Amount 50.000		Recovery =	88.95%
Target Compounds			
1) T n-Nonane (C9)	3.087	6554884	43.999 ug/ml
2) T n-Decane (C10)	4.333	6778153	45.251 ug/ml
3) T A~Naphthalene (C11.7)	6.043	6929998	47.871 ug/ml
4) T n-Dodecane (C12)	6.496	7175112	46.413 ug/ml
5) T A~2-methylnaphthalene...	7.134	6663178	48.165 ug/ml
6) T n-Tetradecane (C14)	9.914	7248944	46.088 ug/ml
7) T n-Hexadecane (C16)	9.914	7248944	46.088 ug/ml
8) T n-Octadecane (C18)	11.351	7276629	45.151 ug/ml
10) T n-Eicosane (C20)	12.655	7019630	42.633 ug/ml
11) T n-Heneicosane (C21)	13.263	6921913	41.847 ug/ml
13) T n-Docosane (C22)	13.846	6825042	41.085 ug/ml
14) T n-Tetracosane (C24)	14.946	13214354	80.049 ug/ml
15) T n-Hexacosane (C26)	15.961	6472326	39.696 ug/ml
16) T n-Octacosane (C28)	16.904	6740564	42.452 ug/ml
17) T n-Tricontane (C30)	17.790	6241489	40.186 ug/ml
18) T n-Dotriacontane (C32)	18.615	6177932	41.417 ug/ml
19) T n-Tetratriacontane (C34)	19.396	6139999	45.697 ug/ml
20) T n-Hexatriacontane (C36)	20.132	5559643	43.306 ug/ml
21) T n-Octatriacontane (C38)	20.831	5039297	41.977 ug/ml
22) T n-Tetracontane (C40)	21.625	4553946	37.705 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147249BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

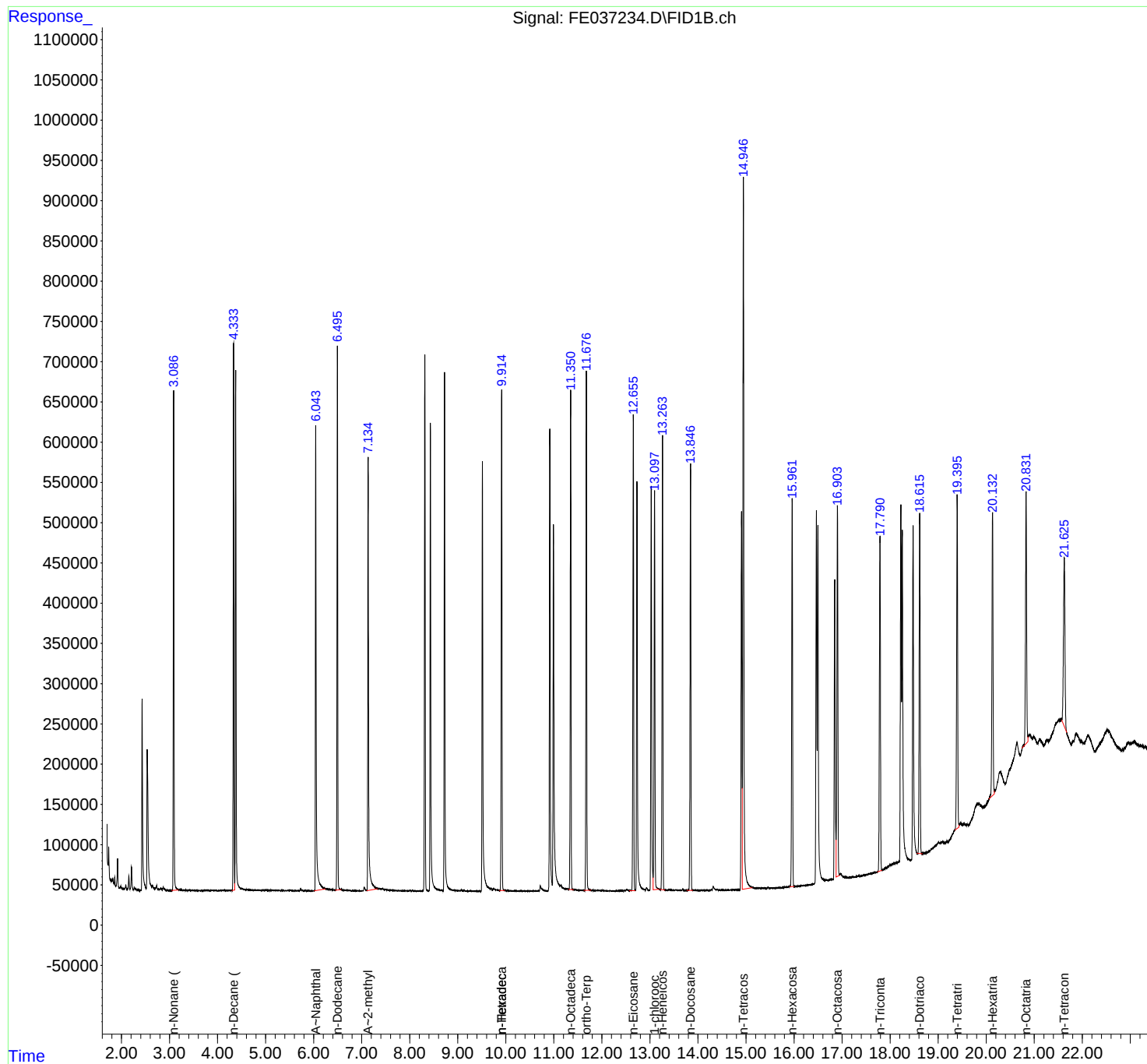
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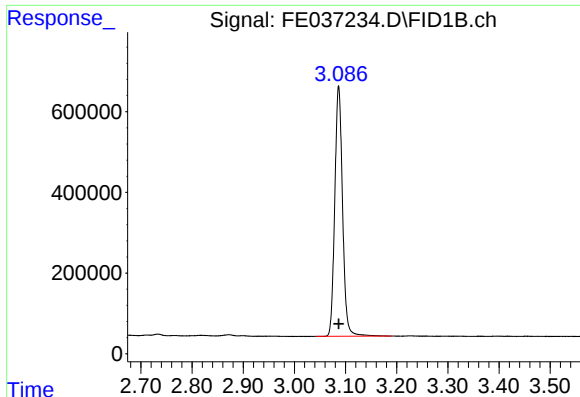
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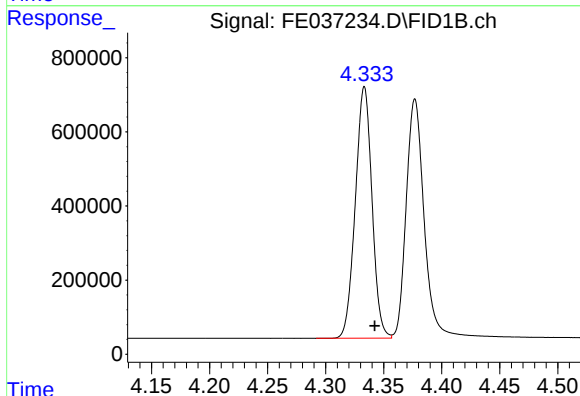
#1 n-Nonane (C9)

R.T.: 3.087 min
Delta R.T.: 0.000 min
Response: 6554884
Conc: 44.00 ug/ml

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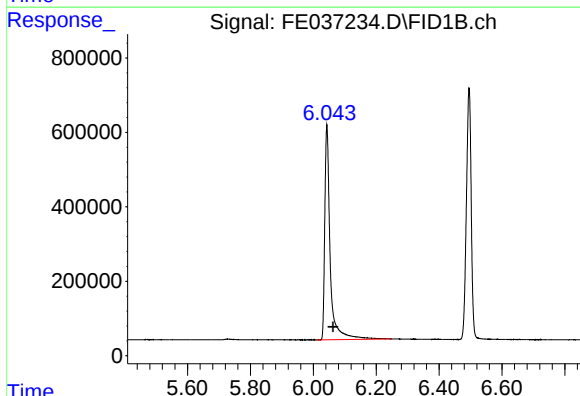
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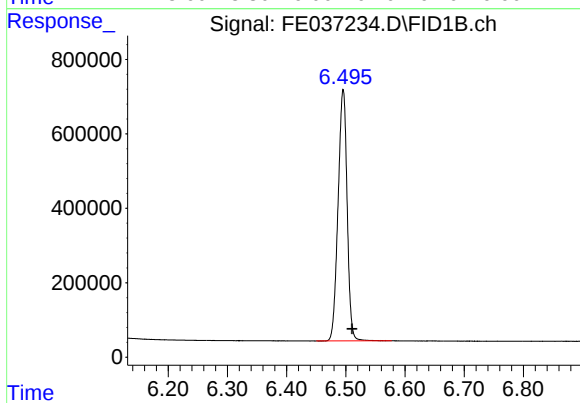
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.009 min
Response: 6778153
Conc: 45.25 ug/ml



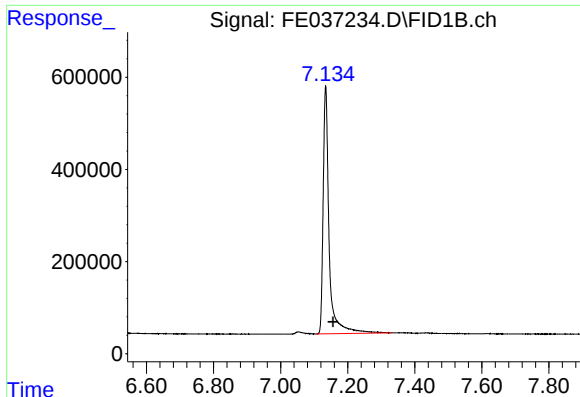
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.020 min
Response: 6929998
Conc: 47.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.015 min
Response: 7175112
Conc: 46.41 ug/ml



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

R.T.: 7.134 min
Delta R.T.: -0.022 min
Response: 6663178
Conc: 48.16 ug/ml

Instrument :

FID_E

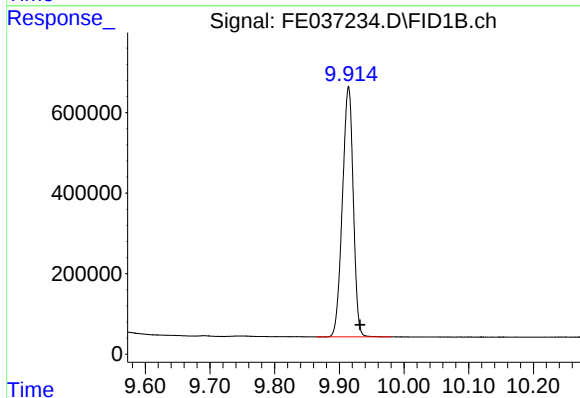
ClientSampleId :

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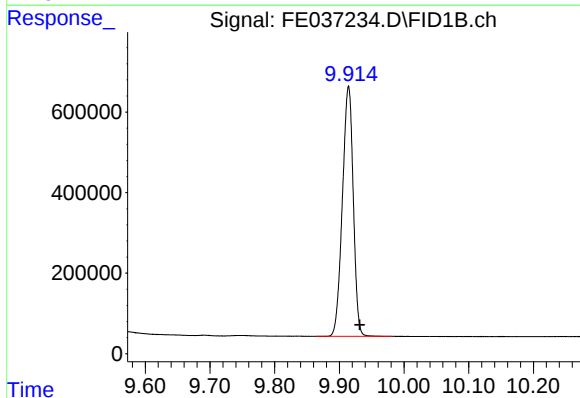
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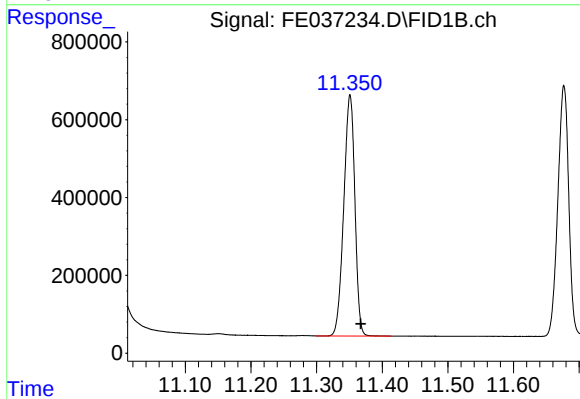
#6 n-Tetradecane (C14)

R.T.: 9.914 min
Delta R.T.: -0.018 min
Response: 7248944
Conc: 46.09 ug/ml



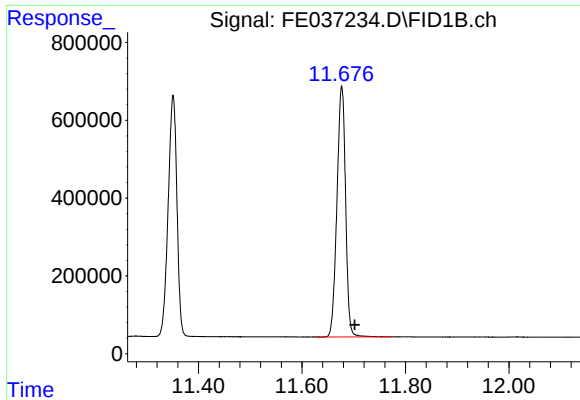
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.017 min
Response: 7248944
Conc: 46.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.016 min
Response: 7276629
Conc: 45.15 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.025 min
Response: 7484568
Conc: 43.31 ug/ml

Instrument :

FID_E

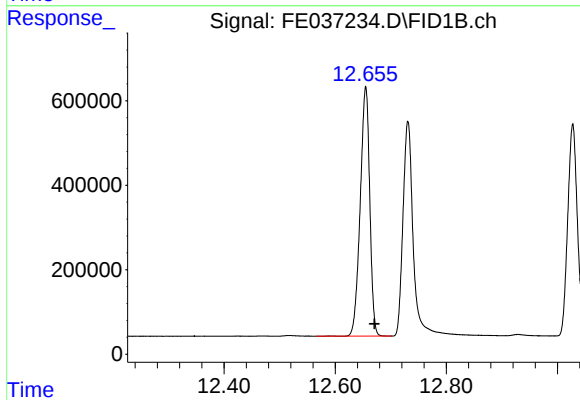
ClientSampleId :

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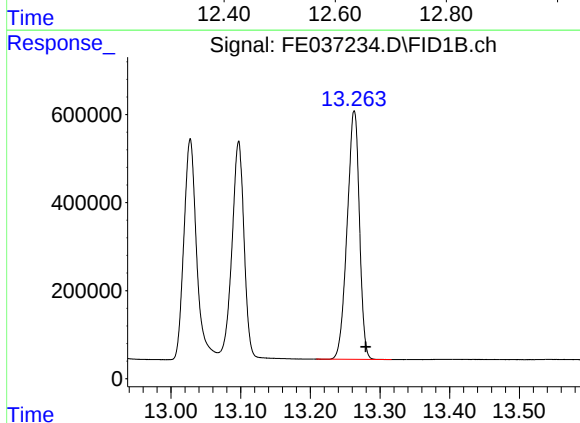
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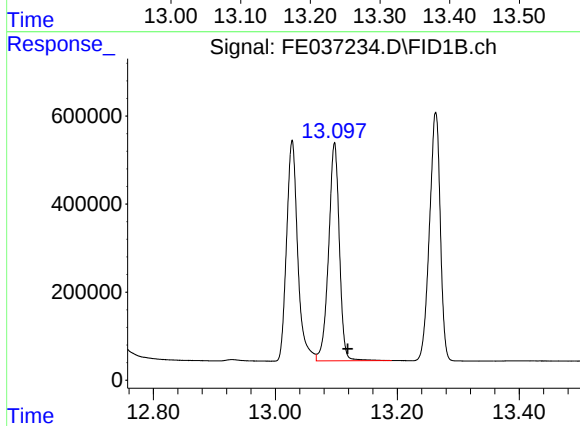
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.016 min
Response: 7019630
Conc: 42.63 ug/ml



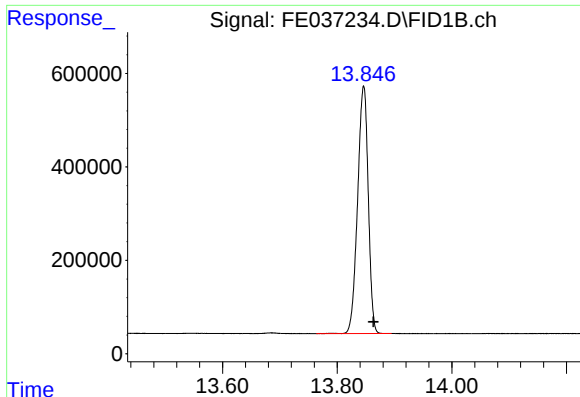
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.017 min
Response: 6921913
Conc: 41.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: -0.022 min
Response: 6076317
Conc: 44.47 ug/ml



#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.017 min
Response: 6825042
Conc: 41.08 ug/ml

Instrument :

FID_E

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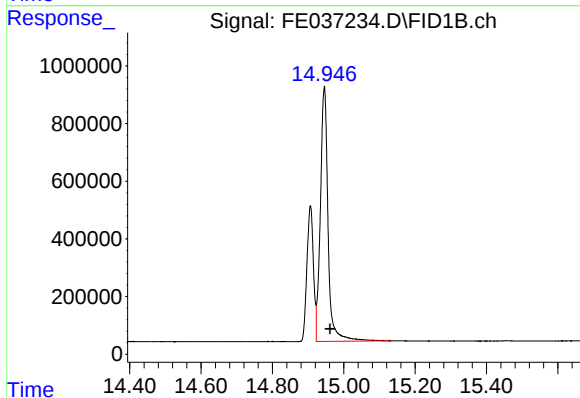
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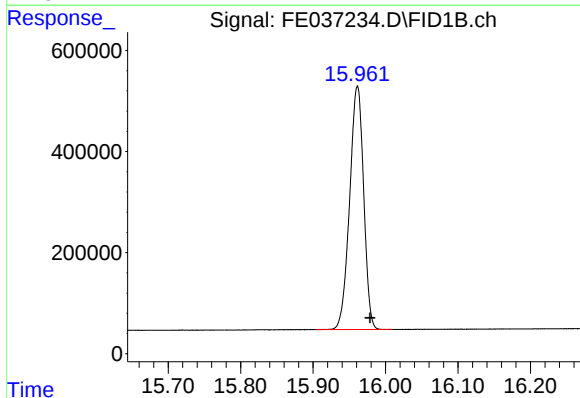
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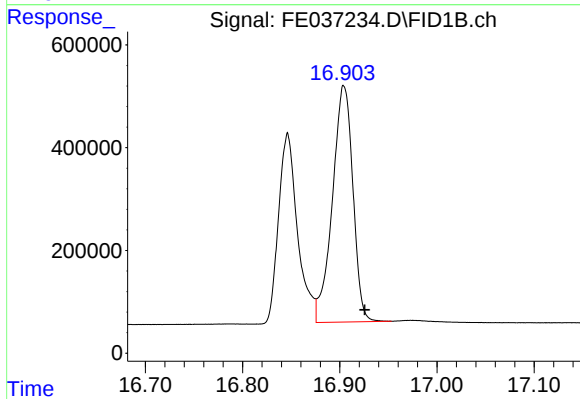
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.017 min
Response: 13214354
Conc: 80.05 ug/ml



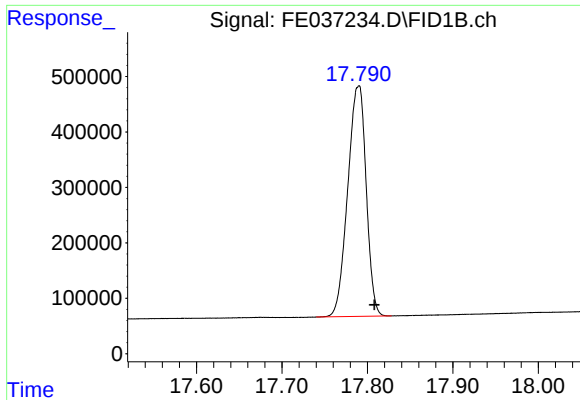
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.017 min
Response: 6472326
Conc: 39.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: -0.021 min
Response: 6740564
Conc: 42.45 ug/ml



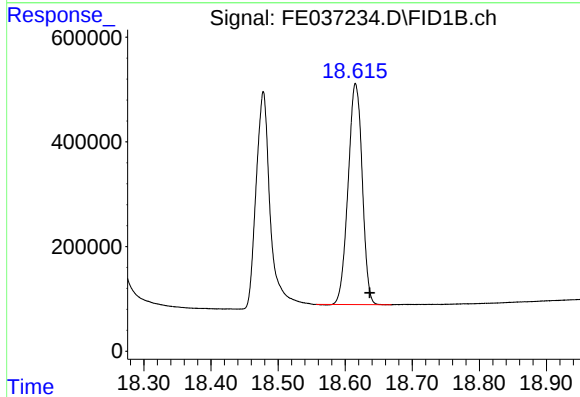
#17 n-Tricontane (C30)

R.T.: 17.790 min
Delta R.T.: -0.018 min
Response: 6241489
Conc: 40.19 ug/ml

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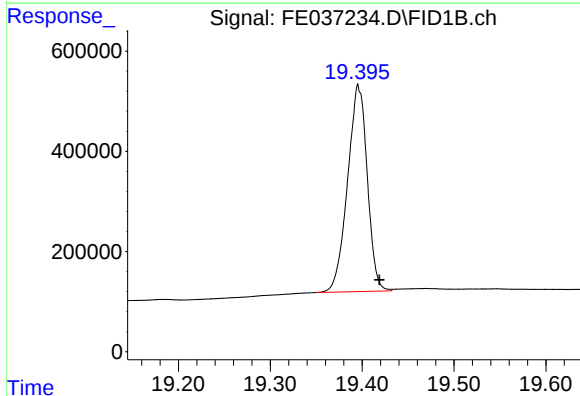
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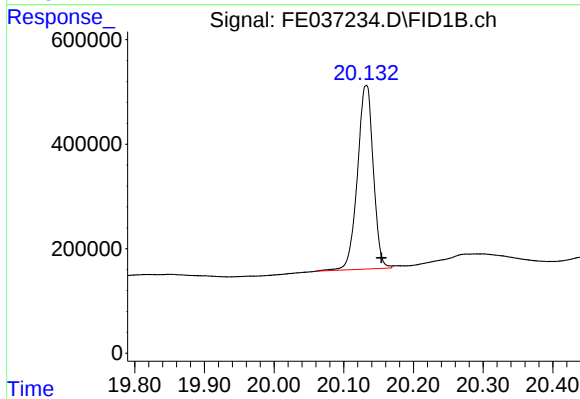
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.021 min
Response: 6177932
Conc: 41.42 ug/ml



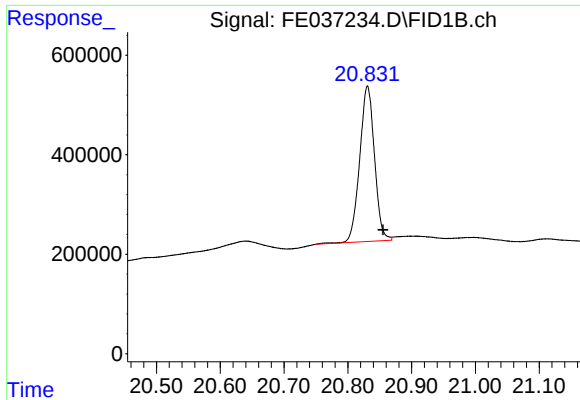
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: -0.023 min
Response: 6139999
Conc: 45.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.132 min
Delta R.T.: -0.022 min
Response: 5559643
Conc: 43.31 ug/ml



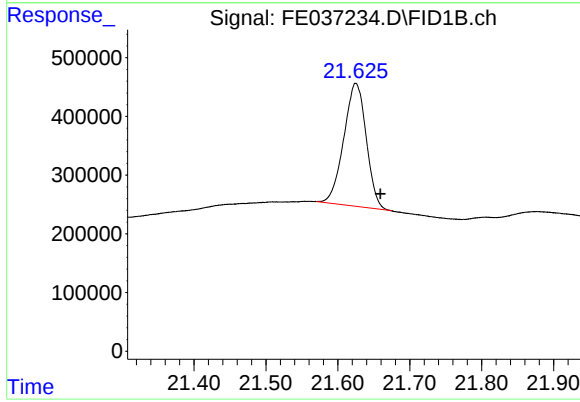
#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.024 min
Response: 5039297
Conc: 41.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.034 min
Response: 4553946
Conc: 37.71 ug/ml m