

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037233.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 21:02
 Operator : YP\AJ
 Sample : PB147249BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147249BS

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 01:59:12 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	7487629	43.326 ug/ml
Spiked Amount 50.000		Recovery =	86.65%
12) S 1-chlorooctadecane (S...	13.099	6077401	44.481 ug/ml
Spiked Amount 50.000		Recovery =	88.96%
Target Compounds			
1) T n-Nonane (C9)	3.088	6584224	44.196 ug/ml
2) T n-Decane (C10)	4.334	6789430	45.326 ug/ml
3) T A~Naphthalene (C11.7)	6.044	6890875	47.600 ug/ml
4) T n-Dodecane (C12)	6.496	7166550	46.358 ug/ml
5) T A~2-methylnaphthalene...	7.135	6661669	48.154 ug/ml
6) T n-Tetradecane (C14)	9.915	7265461	46.193 ug/ml
7) T n-Hexadecane (C16)	9.915	7265461	46.193 ug/ml
8) T n-Octadecane (C18)	11.352	7304804	45.326 ug/ml
10) T n-Eicosane (C20)	12.656	7035857	42.731 ug/ml
11) T n-Heneicosane (C21)	13.264	6927154	41.879 ug/ml
13) T n-Docosane (C22)	13.847	6806301	40.972 ug/ml
14) T n-Tetracosane (C24)	14.946	13042051	79.005 ug/ml
15) T n-Hexacosane (C26)	15.962	6395196	39.223 ug/ml
16) T n-Octacosane (C28)	16.906	6609259	41.625 ug/ml
17) T n-Tricontane (C30)	17.792	6126814	39.448 ug/ml
18) T n-Dotriacontane (C32)	18.617	6110437	40.965 ug/ml
19) T n-Tetratriacontane (C34)	19.398	6097704	45.382 ug/ml
20) T n-Hexatriacontane (C36)	20.134	6272486	48.859 ug/ml
21) T n-Octatriacontane (C38)	20.833	4969282	41.394 ug/ml
22) T n-Tetracontane (C40)	21.625	4438397	36.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147249BS
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ALS Vial : 15 Sample Multiplier: 1

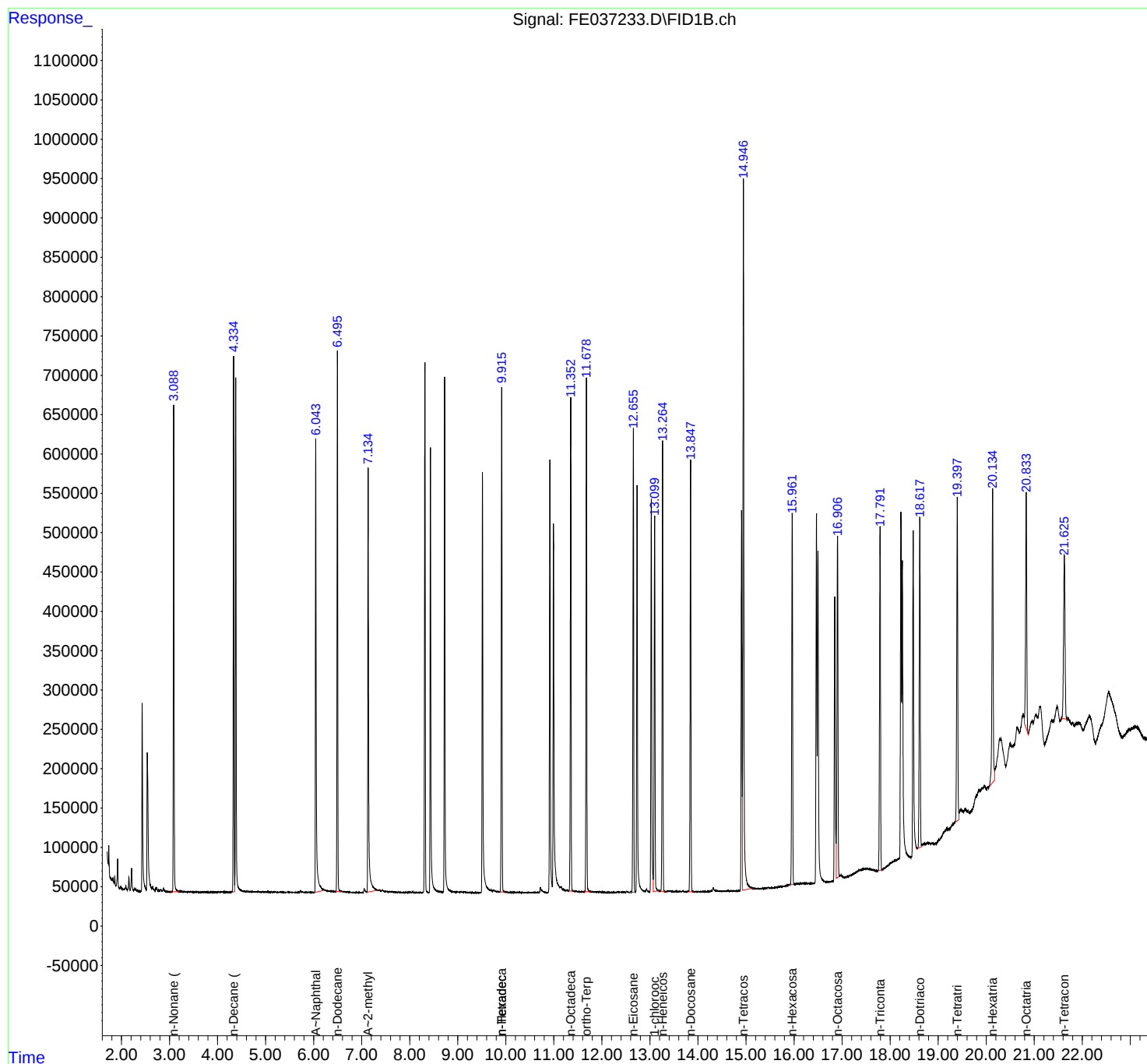
Instrument :
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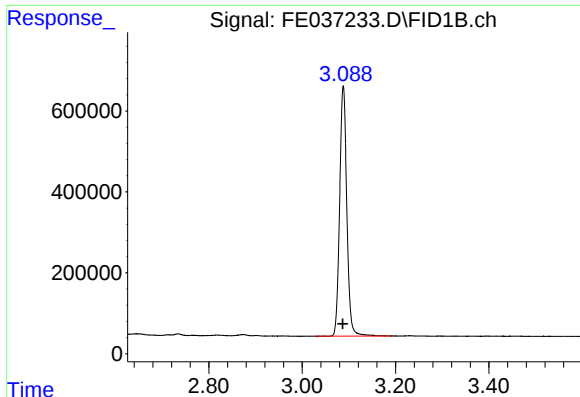
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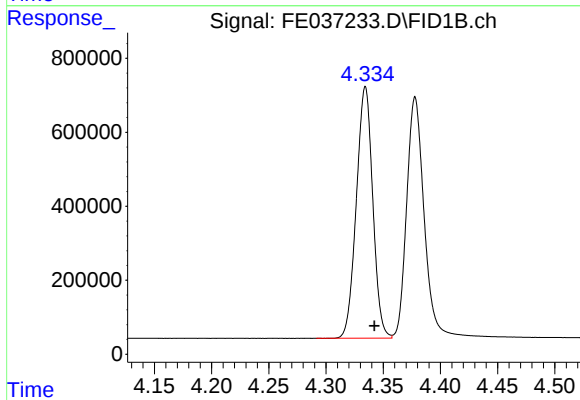
#1 n-Nonane (C9)

R.T.: 3.088 min
Delta R.T.: 0.001 min
Response: 6584224
Conc: 44.20 ug/ml

Instrument :
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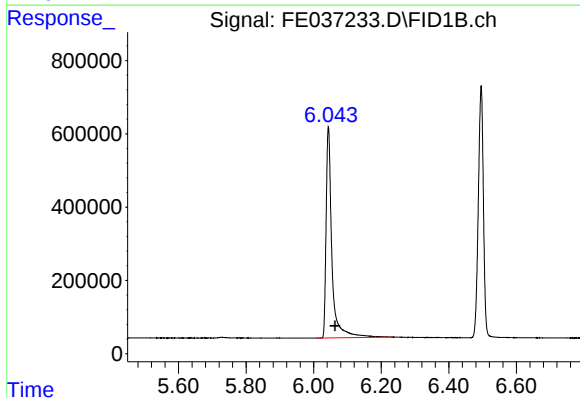
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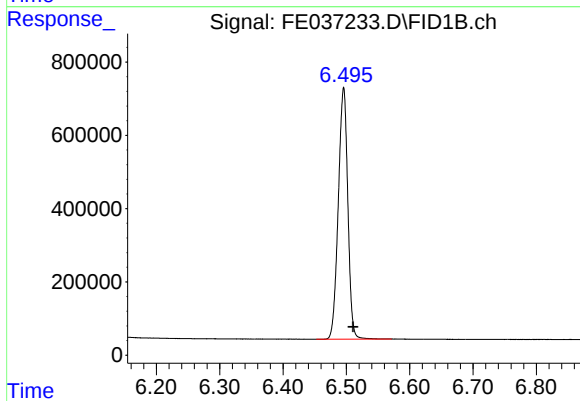
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.008 min
Response: 6789430
Conc: 45.33 ug/ml



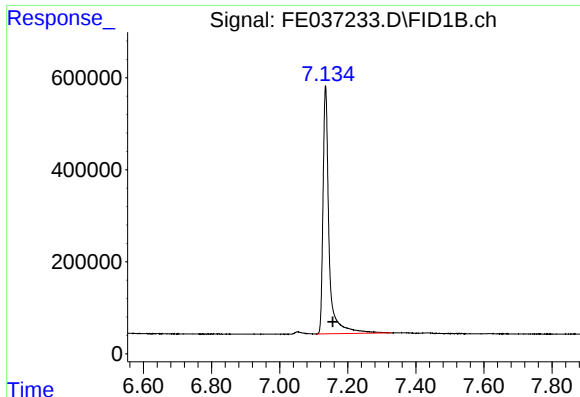
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.019 min
Response: 6890875
Conc: 47.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.015 min
Response: 7166550
Conc: 46.36 ug/ml



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

R.T.: 7.135 min
Delta R.T.: -0.021 min
Response: 6661669
Conc: 48.15 ug/ml

Instrument :

FID_E

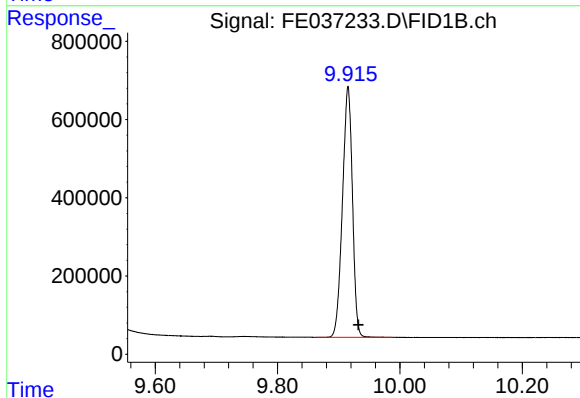
ClientSampleId :

PB147249BS

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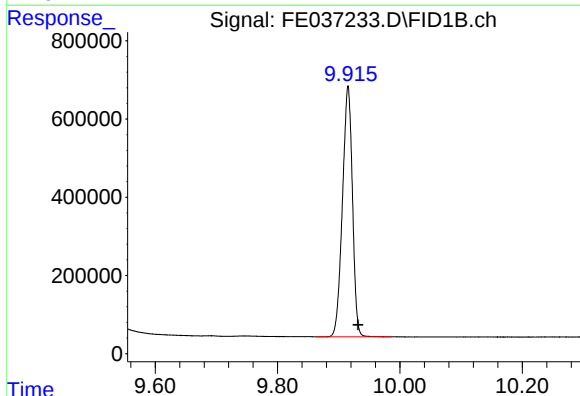
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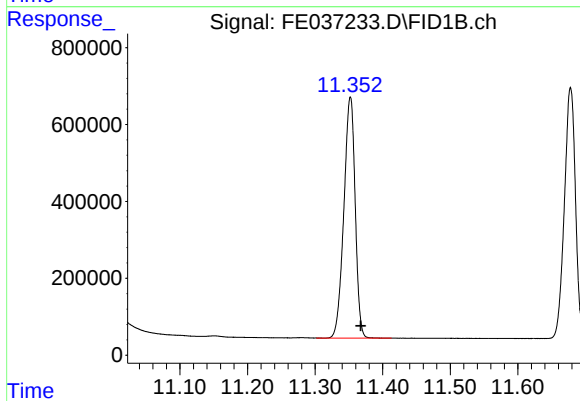
#6 n-Tetradecane (C14)

R.T.: 9.915 min
Delta R.T.: -0.017 min
Response: 7265461
Conc: 46.19 ug/ml



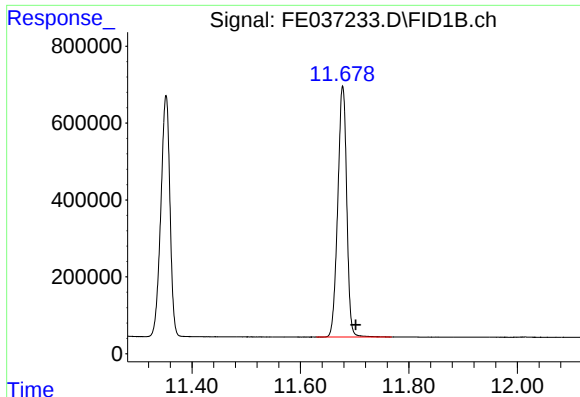
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: -0.016 min
Response: 7265461
Conc: 46.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.015 min
Response: 7304804
Conc: 45.33 ug/ml



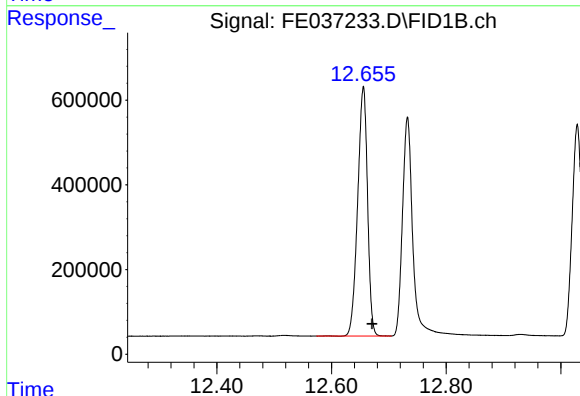
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.024 min
Response: 7487629
Conc: 43.33 ug/ml

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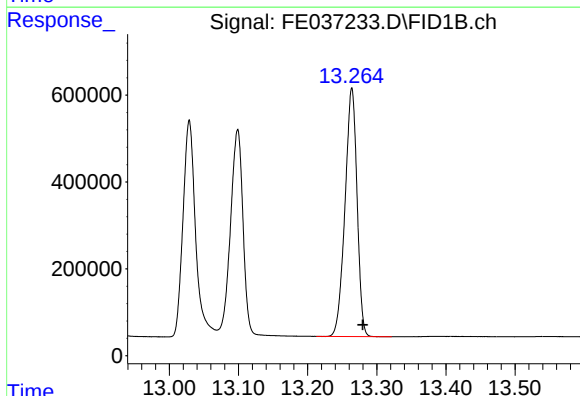
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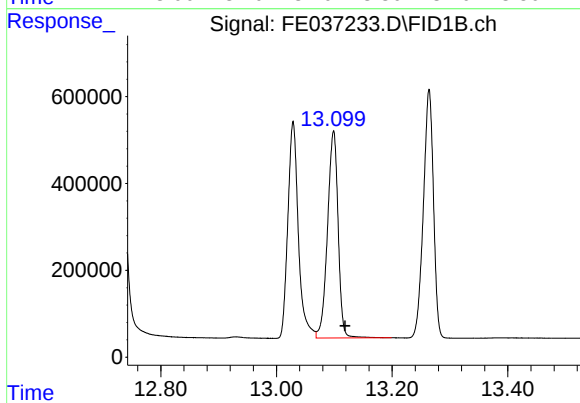
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.015 min
Response: 7035857
Conc: 42.73 ug/ml



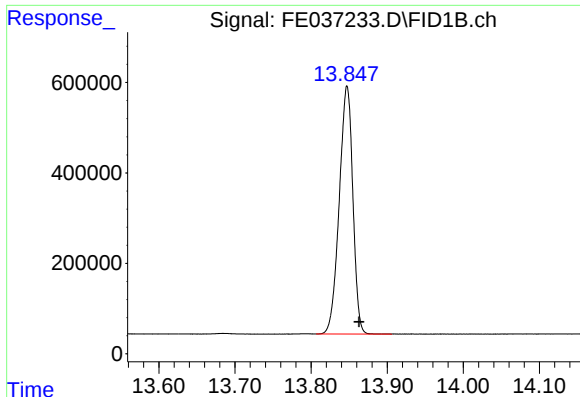
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.016 min
Response: 6927154
Conc: 41.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: -0.020 min
Response: 6077401
Conc: 44.48 ug/ml



#13 n-Docosane (C22)

R.T.: 13.847 min
Delta R.T.: -0.016 min
Response: 6806301
Conc: 40.97 ug/ml

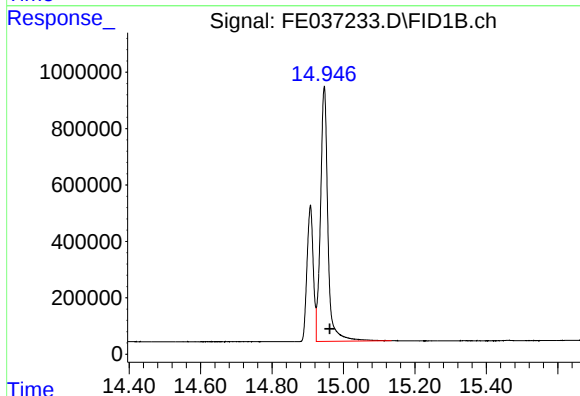
Instrument :

FID_E

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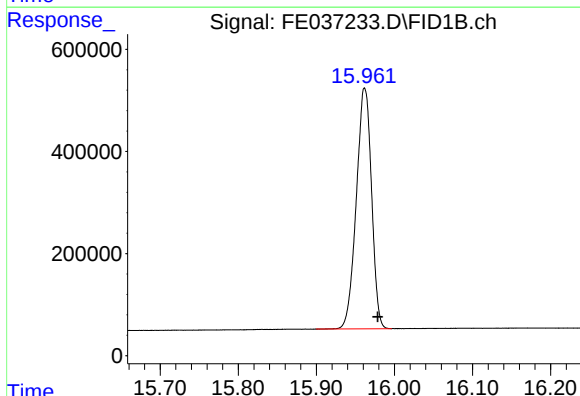
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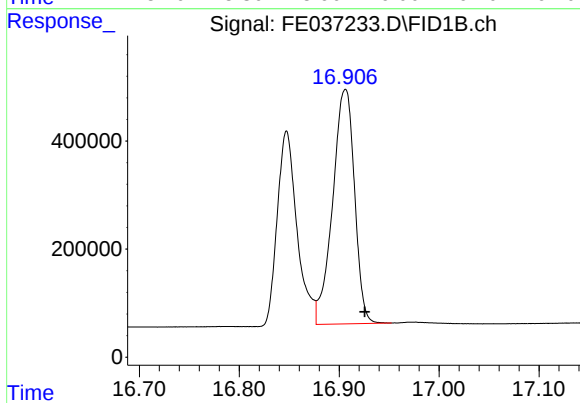
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.016 min
Response: 13042051
Conc: 79.00 ug/ml



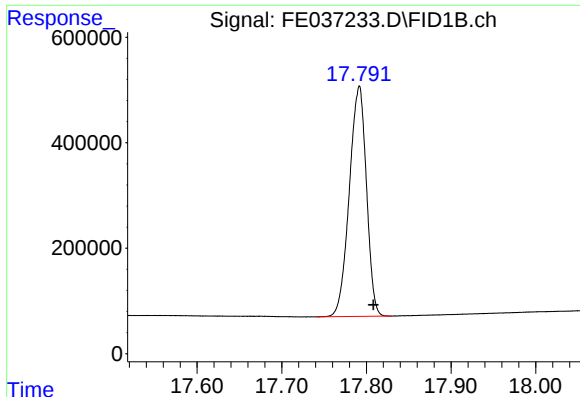
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.017 min
Response: 6395196
Conc: 39.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.019 min
Response: 6609259
Conc: 41.62 ug/ml



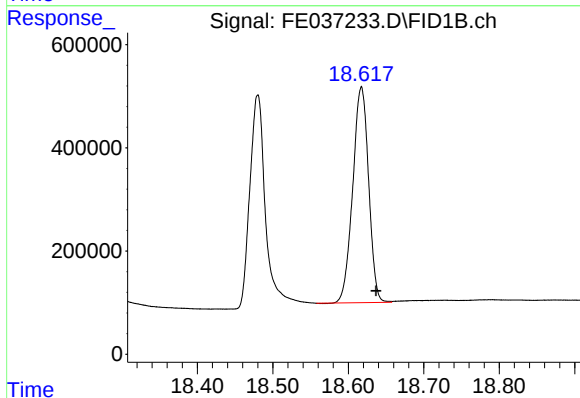
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: -0.016 min
Response: 6126814
Conc: 39.45 ug/ml

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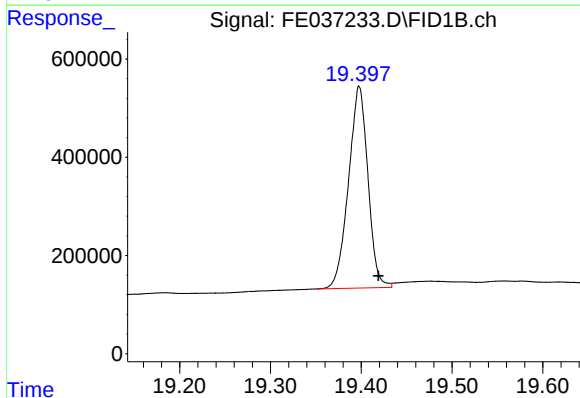
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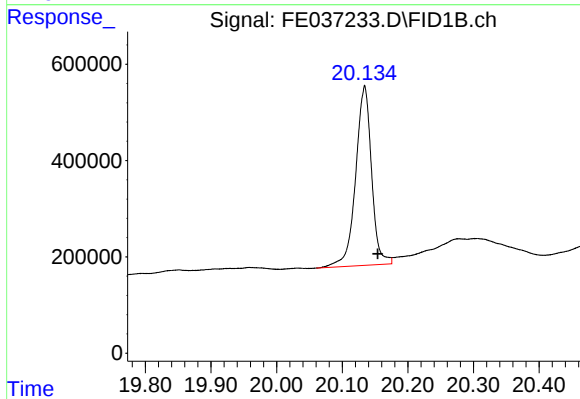
#18 n-Dotriacontane (C32)

R.T.: 18.617 min
Delta R.T.: -0.019 min
Response: 6110437
Conc: 40.96 ug/ml



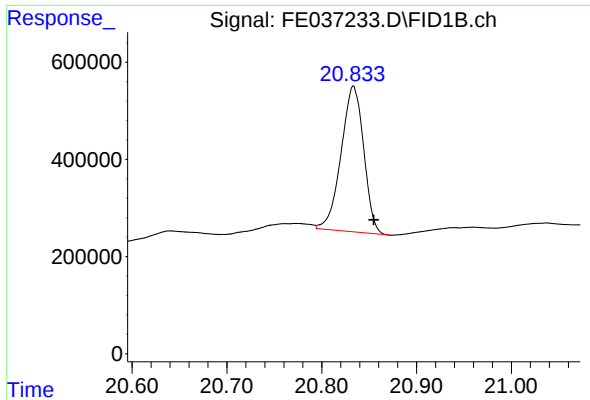
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min
Delta R.T.: -0.021 min
Response: 6097704
Conc: 45.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.134 min
Delta R.T.: -0.020 min
Response: 6272486
Conc: 48.86 ug/ml



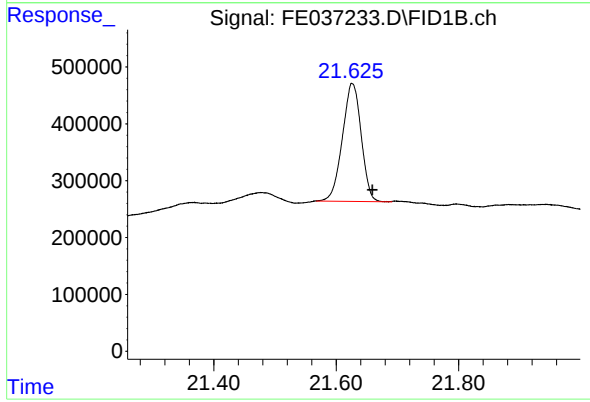
#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: -0.022 min
Response: 4969282
Conc: 41.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.035 min
Response: 4438397
Conc: 36.75 ug/ml m