

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037237.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 23:07
 Operator : YP\AJ
 Sample : PB147236BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147236BSD

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 02:00:23 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			
12) S 1-chlorooctadecane (S...	13.094	5421596	39.681 ug/ml
Spiked Amount 50.000		Recovery =	79.36%
Target Compounds			
1) T n-Nonane (C9)	3.062	2986582	20.047 ug/ml
2) T n-Decane (C10)	4.319	3734127	24.929 ug/ml
4) T n-Dodecane (C12)	6.490	4585158	29.660 ug/ml
6) T n-Tetradecane (C14)	9.911	5752193	36.572 ug/ml
7) T n-Hexadecane (C16)	9.911	5752193	36.572 ug/ml
8) T n-Octadecane (C18)	11.347	6124762	38.004 ug/ml
10) T n-Eicosane (C20)	12.649	5971394	36.266 ug/ml
11) T n-Heneicosane (C21)	13.259	5934651	35.878 ug/ml
13) T n-Docosane (C22)	13.843	5845534	35.188 ug/ml
14) T n-Tetracosane (C24)	14.940	5656264	34.264 ug/ml
15) T n-Hexacosane (C26)	15.954	5425135	33.274 ug/ml
16) T n-Octacosane (C28)	16.900	5218430	32.865 ug/ml
17) T n-Tricontane (C30)	17.783	5069445	32.640 ug/ml
18) T n-Dotriacontane (C32)	18.611	5000105	33.521 ug/ml
19) T n-Tetratriacontane (C34)	19.392	4900357	36.471 ug/ml
20) T n-Hexatriacontane (C36)	20.127	4959612	38.632 ug/ml
21) T n-Octatriacontane (C38)	20.828	4789598	39.897 ug/ml
22) T n-Tetracontane (C40)	21.621	4639812	38.416 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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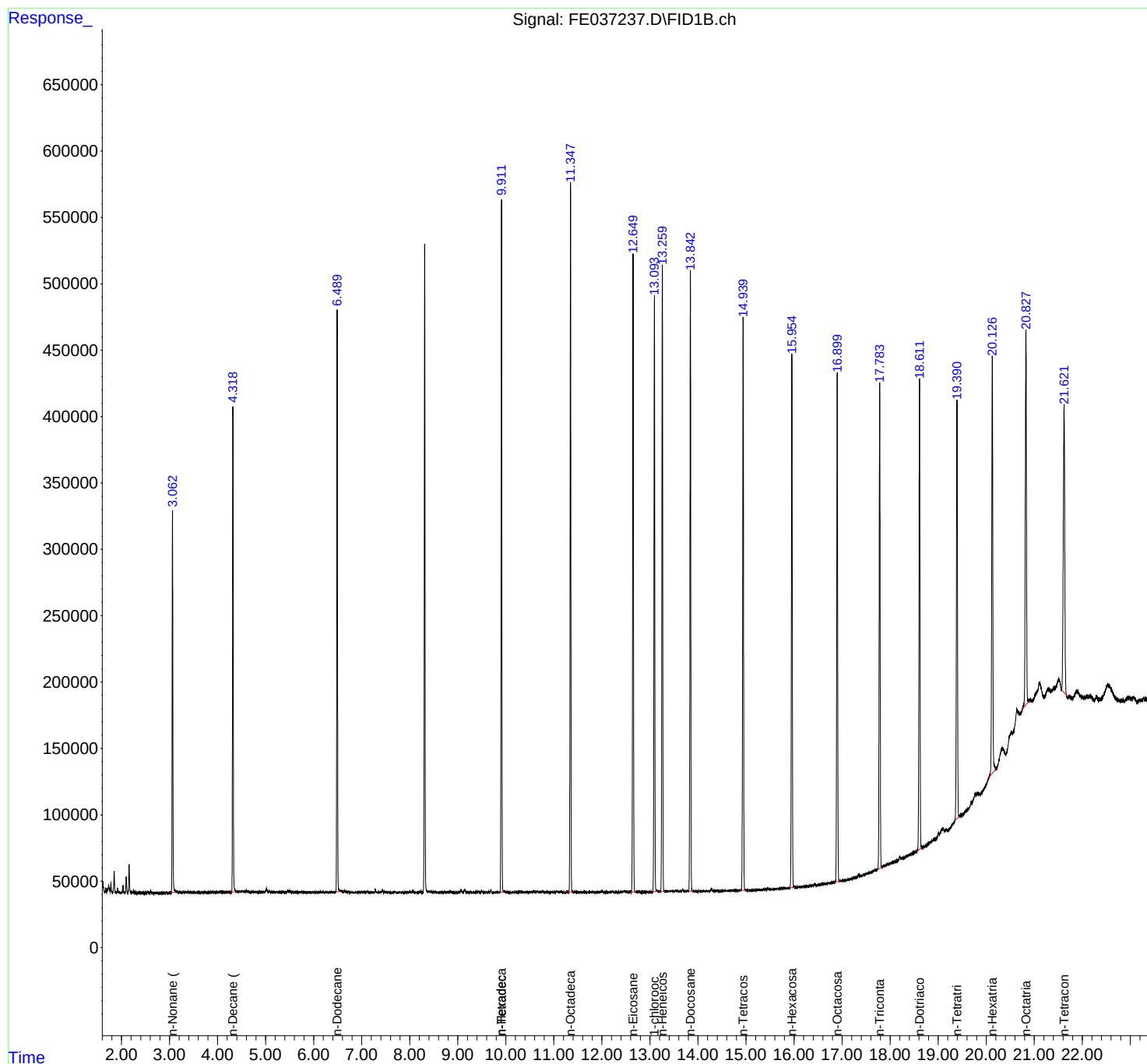
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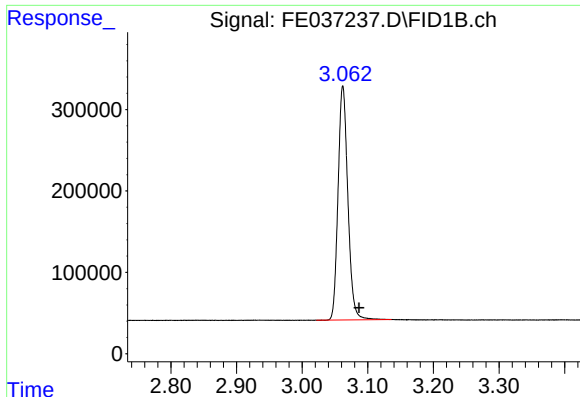
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#1 n-Nonane (C9)

R.T.: 3.062 min
Delta R.T.: -0.025 min
Response: 2986582
Conc: 20.05 ug/ml

Instrument :

FID_E

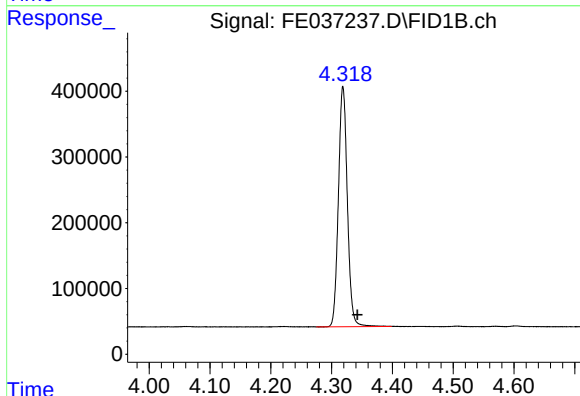
ClientSampleId :

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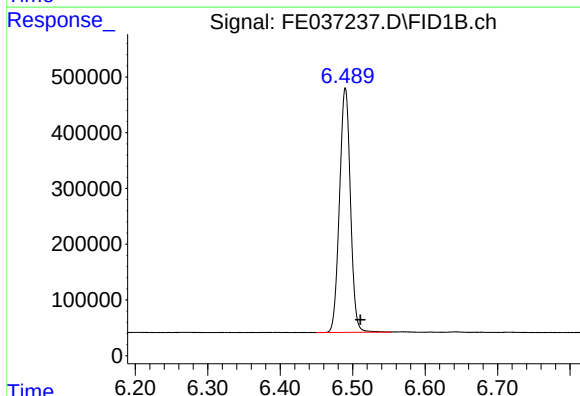
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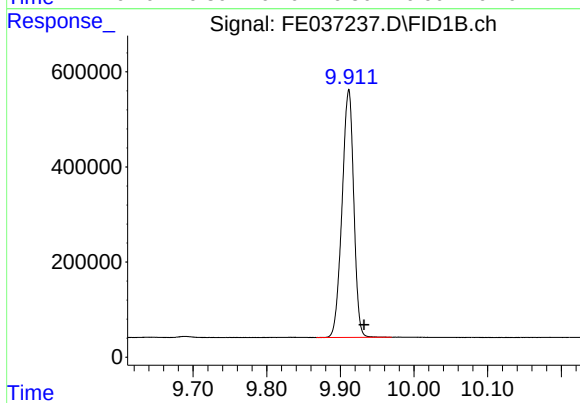
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.024 min
Response: 3734127
Conc: 24.93 ug/ml



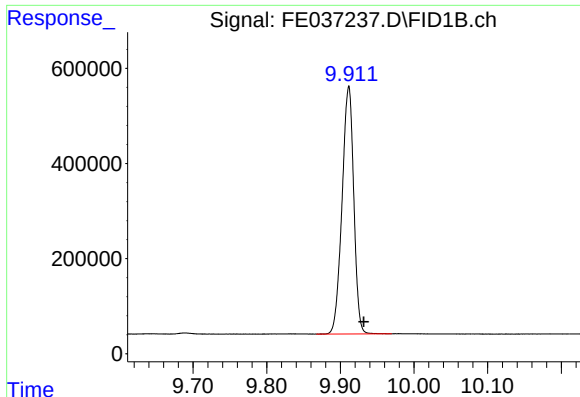
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.021 min
Response: 4585158
Conc: 29.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 9.911 min
Delta R.T.: -0.021 min
Response: 5752193
Conc: 36.57 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.020 min
Response: 5752193
Conc: 36.57 ug/ml

Instrument :

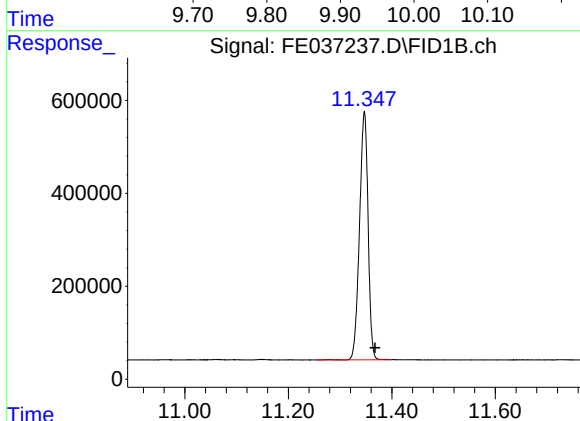
FID_E

ClientSampleId :

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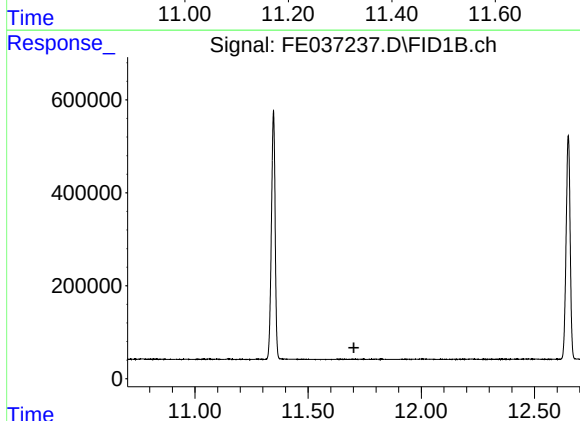
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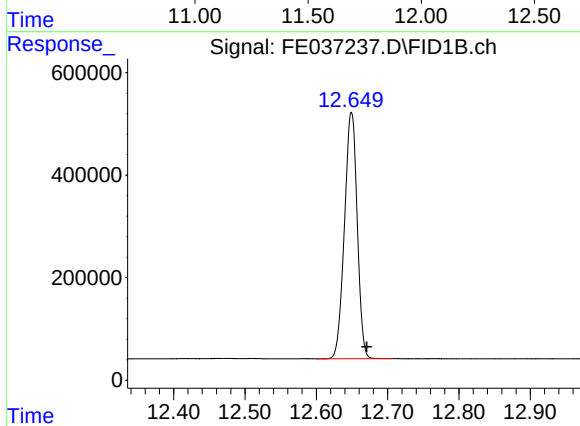
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.020 min
Response: 6124762
Conc: 38.00 ug/ml



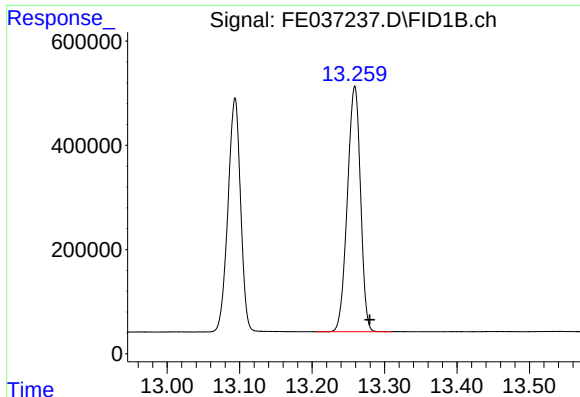
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.702 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.022 min
Response: 5971394
Conc: 36.27 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.021 min
Response: 5934651
Conc: 35.88 ug/ml

Instrument :

FID_E

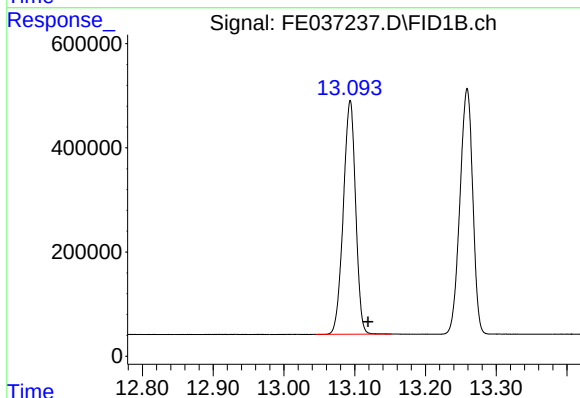
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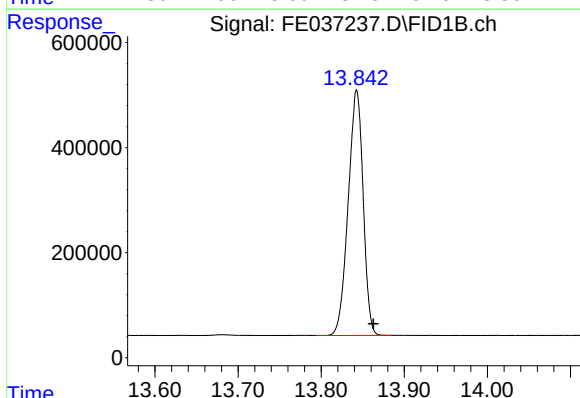
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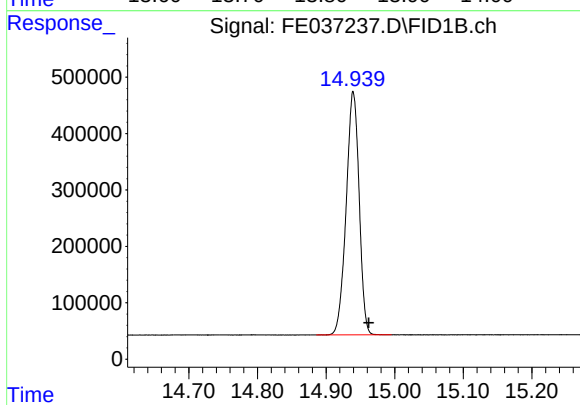
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: -0.025 min
Response: 5421596
Conc: 39.68 ug/ml



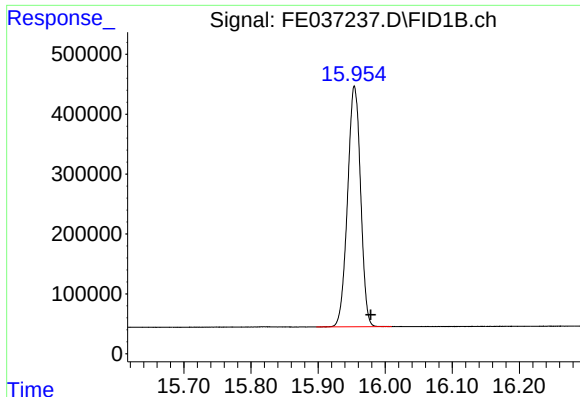
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.020 min
Response: 5845534
Conc: 35.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.023 min
Response: 5656264
Conc: 34.26 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.024 min
Response: 5425135
Conc: 33.27 ug/ml

Instrument :

FID_E

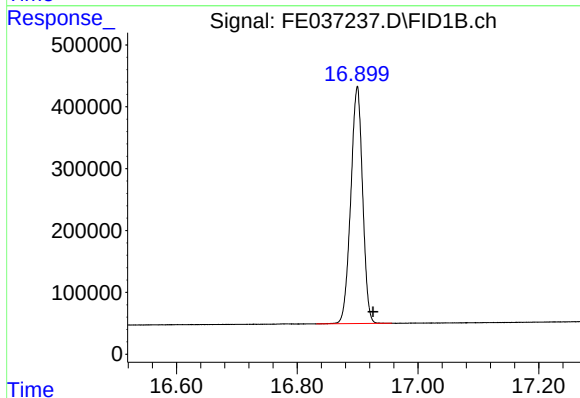
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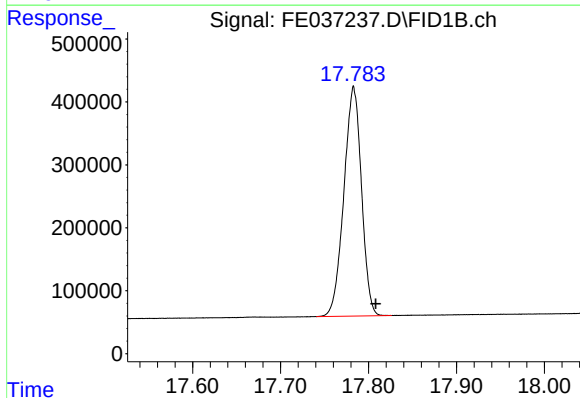
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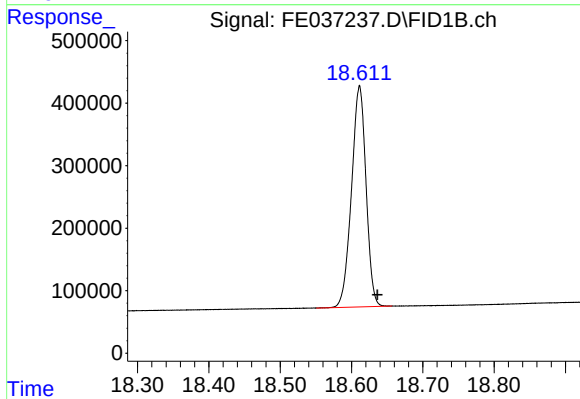
#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.026 min
Response: 5218430
Conc: 32.87 ug/ml



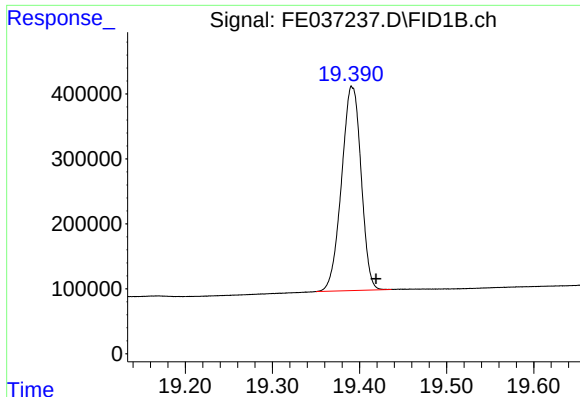
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.025 min
Response: 5069445
Conc: 32.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: -0.025 min
Response: 5000105
Conc: 33.52 ug/ml



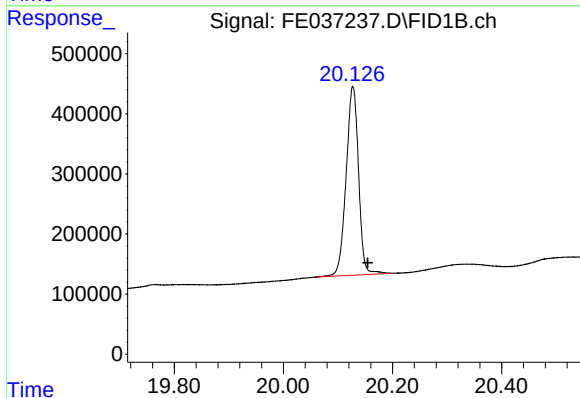
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.027 min
Response: 4900357
Conc: 36.47 ug/ml

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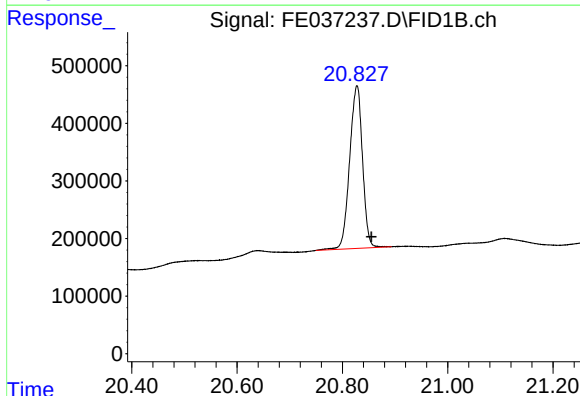
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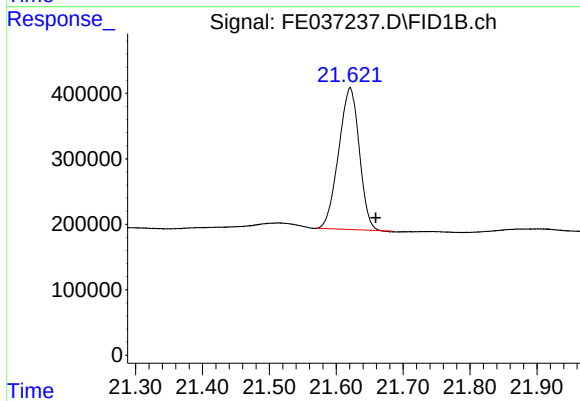
#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.027 min
Response: 4959612
Conc: 38.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.027 min
Response: 4789598
Conc: 39.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.038 min
Response: 4639812
Conc: 38.42 ug/ml m