

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037225.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 16:52
 Operator : YP\AJ
 Sample : PB147237BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147237BSD

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 01:57:05 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)	11.675	7612779	44.050 ug/ml
Spiked Amount 50.000		Recovery =	88.10%
12) S 1-chlorooctadecane (S...	13.095	6498206	47.561 ug/ml
Spiked Amount 50.000		Recovery =	95.12%
Target Compounds			
1) T n-Nonane (C9)	3.075	5433187	36.470 ug/ml
2) T n-Decane (C10)	4.326	5594546	37.349 ug/ml
3) T A~Naphthalene (C11.7)	6.042	5785877	39.967 ug/ml
4) T n-Dodecane (C12)	6.492	5981522	38.692 ug/ml
5) T A~2-methylnaphthalene...	7.134	5843903	42.243 ug/ml
6) T n-Tetradecane (C14)	9.912	6901586	43.879 ug/ml
7) T n-Hexadecane (C16)	9.912	6901586	43.879 ug/ml
8) T n-Octadecane (C18)	11.348	7373026	45.749 ug/ml
10) T n-Eicosane (C20)	12.651	7353794	44.662 ug/ml
11) T n-Heneicosane (C21)	13.259	7354696	44.463 ug/ml
13) T n-Docosane (C22)	13.842	7302451	43.959 ug/ml
14) T n-Tetracosane (C24)	14.942	14080711	85.297 ug/ml
15) T n-Hexacosane (C26)	15.957	6953739	42.649 ug/ml
16) T n-Octacosane (C28)	16.899	7349904	46.289 ug/ml
17) T n-Tricontane (C30)	17.786	6350967	40.891 ug/ml
18) T n-Dotriacontane (C32)	18.612	6072048	40.708 ug/ml
19) T n-Tetratriacontane (C34)	19.392	5983122	44.529 ug/ml
20) T n-Hexatriacontane (C36)	20.127	5517870	42.981 ug/mlm
21) T n-Octatriacontane (C38)	20.827	5503189	45.842 ug/ml
22) T n-Tetracontane (C40)	21.616	5686692	47.084 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147237BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

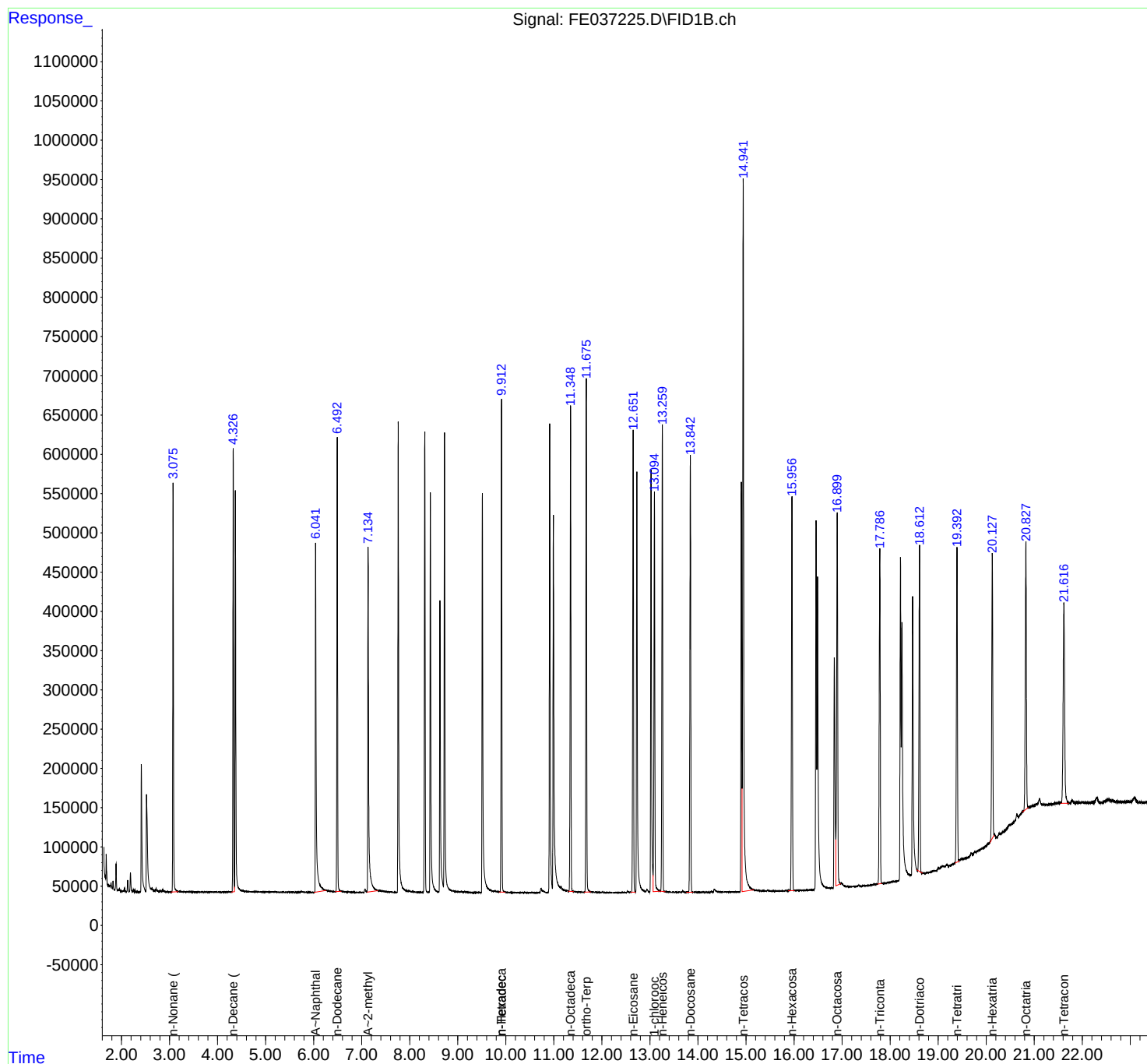
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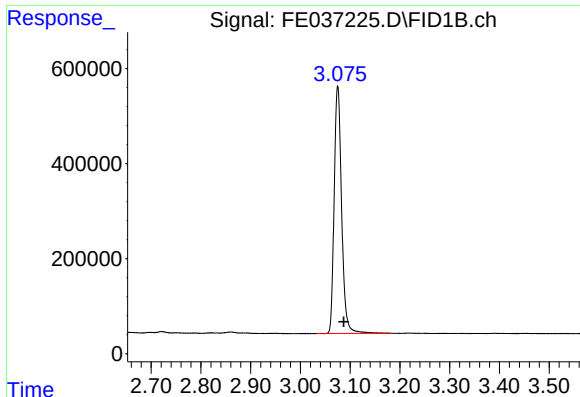
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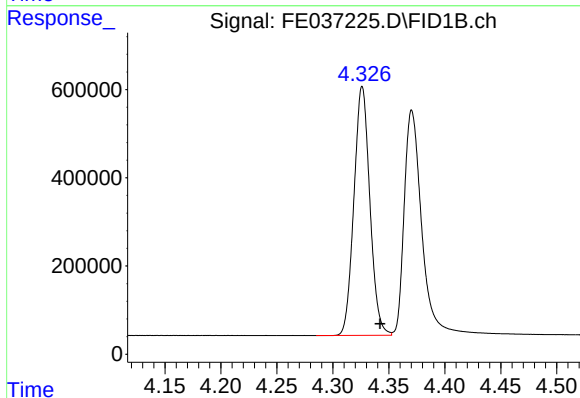
#1 n-Nonane (C9)

R.T.: 3.075 min
Delta R.T.: -0.012 min
Response: 5433187
Conc: 36.47 ug/ml

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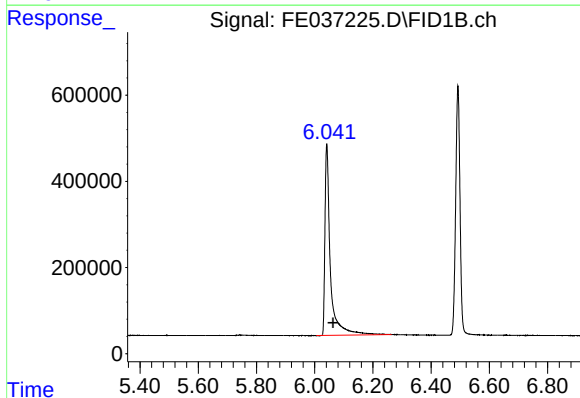
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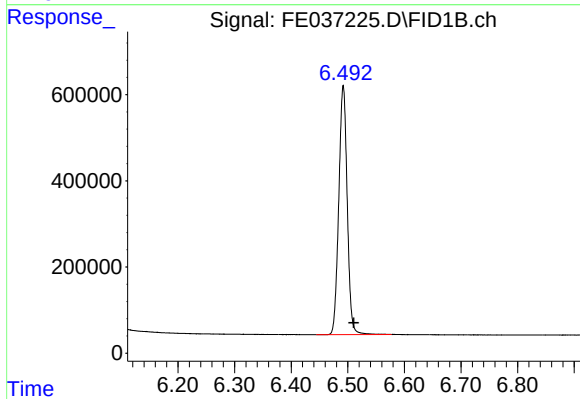
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.016 min
Response: 5594546
Conc: 37.35 ug/ml



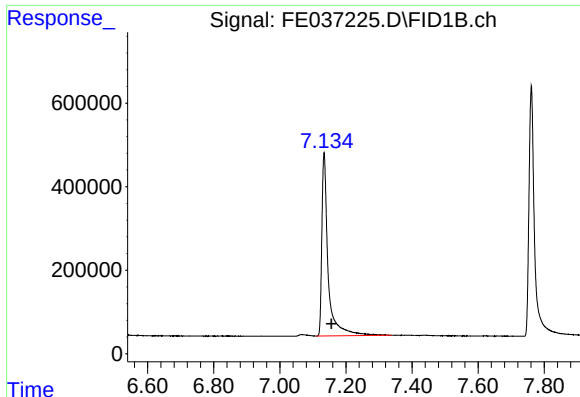
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.021 min
Response: 5785877
Conc: 39.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.018 min
Response: 5981522
Conc: 38.69 ug/ml



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

R.T.: 7.134 min
Delta R.T.: -0.022 min
Response: 5843903
Conc: 42.24 ug/ml

Instrument :

FID_E

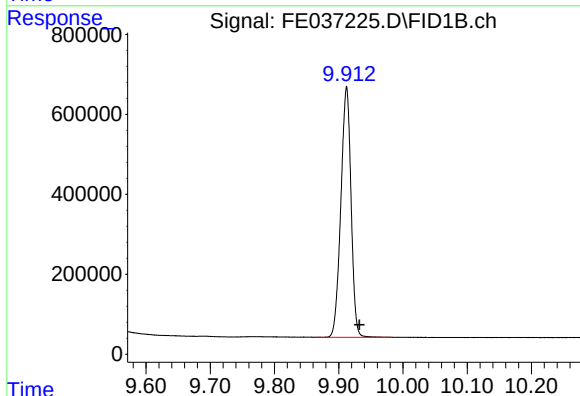
ClientSampleId :

PB147237BSD

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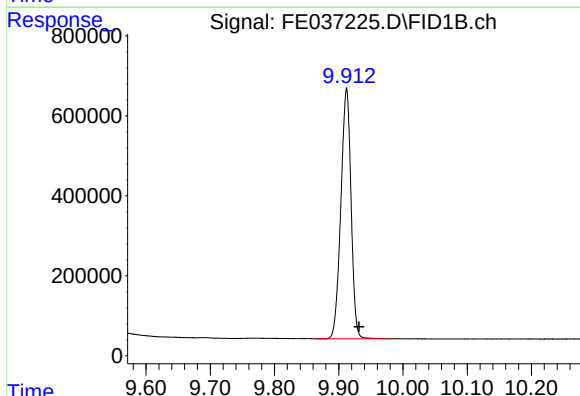
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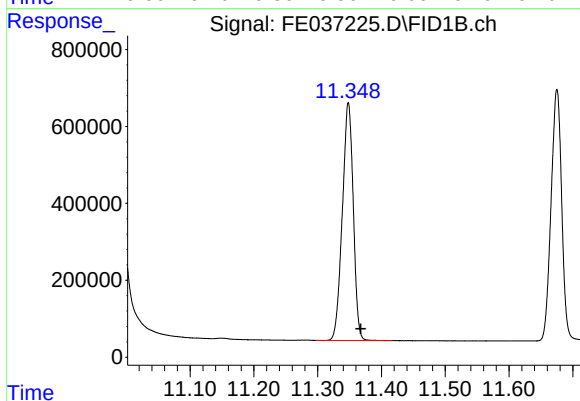
#6 n-Tetradecane (C14)

R.T.: 9.912 min
Delta R.T.: -0.020 min
Response: 6901586
Conc: 43.88 ug/ml



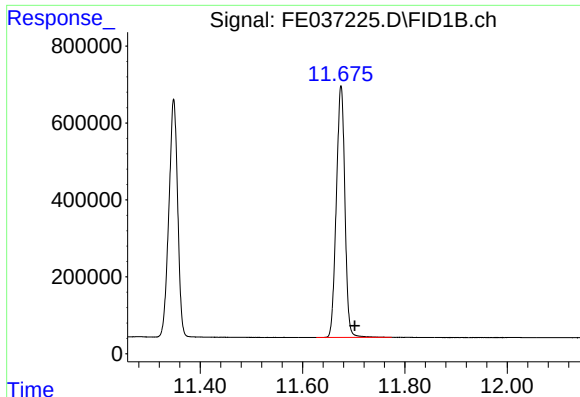
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.019 min
Response: 6901586
Conc: 43.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.019 min
Response: 7373026
Conc: 45.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.027 min
Response: 7612779
Conc: 44.05 ug/ml

Instrument :

FID_E

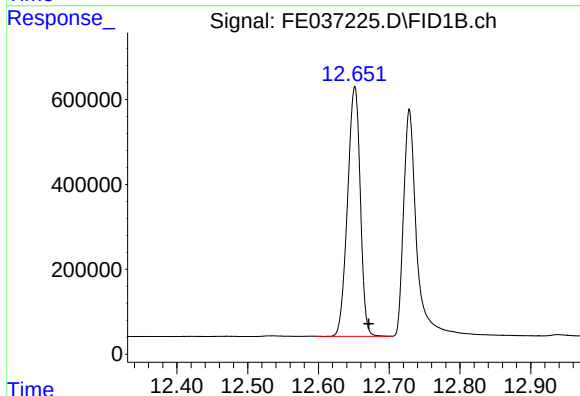
ClientSampleId :

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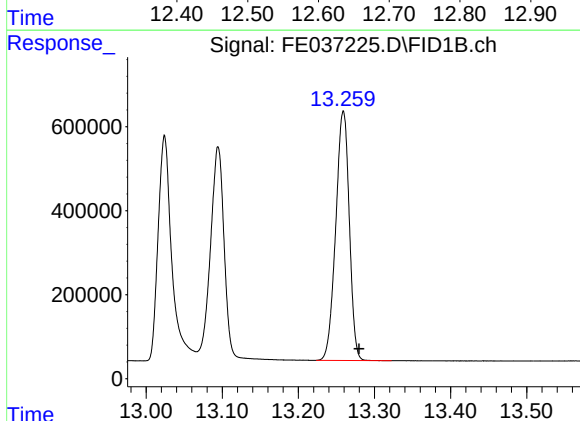
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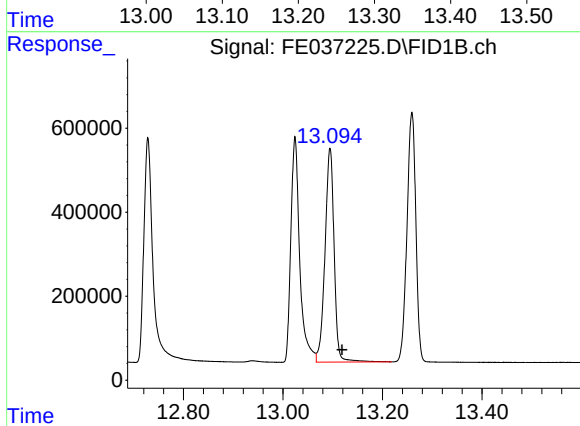
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.019 min
Response: 7353794
Conc: 44.66 ug/ml



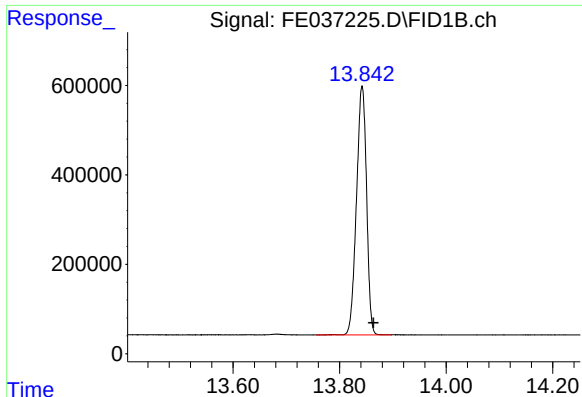
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.021 min
Response: 7354696
Conc: 44.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min
Delta R.T.: -0.024 min
Response: 6498206
Conc: 47.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.021 min
Response: 7302451
Conc: 43.96 ug/ml

Instrument :

FID_E

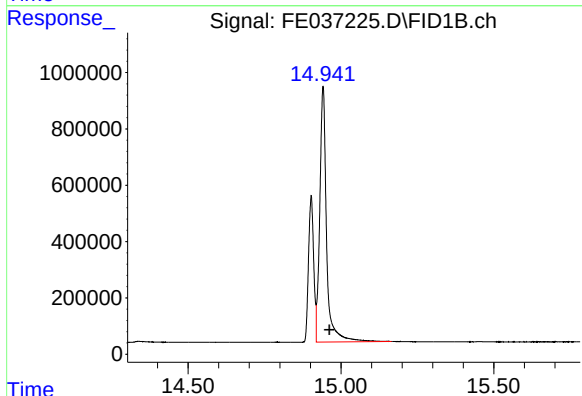
ClientSampleId :

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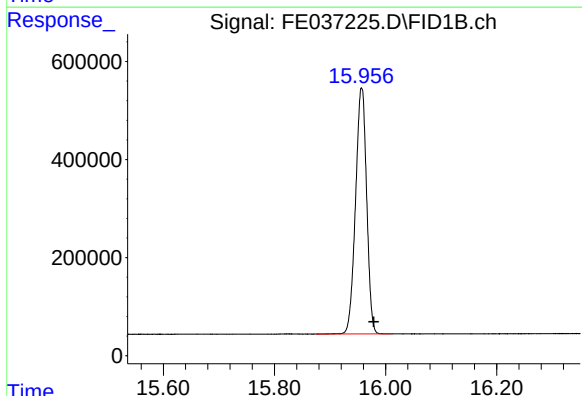
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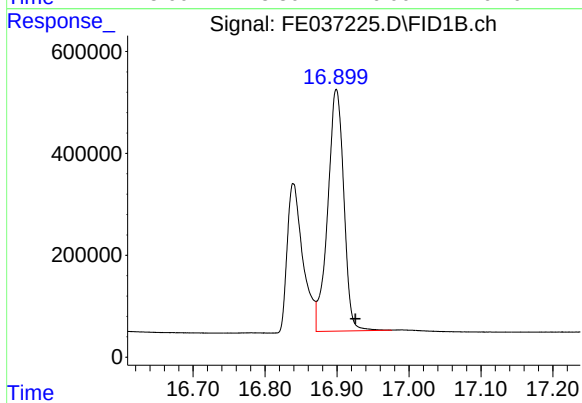
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.021 min
Response: 14080711
Conc: 85.30 ug/ml



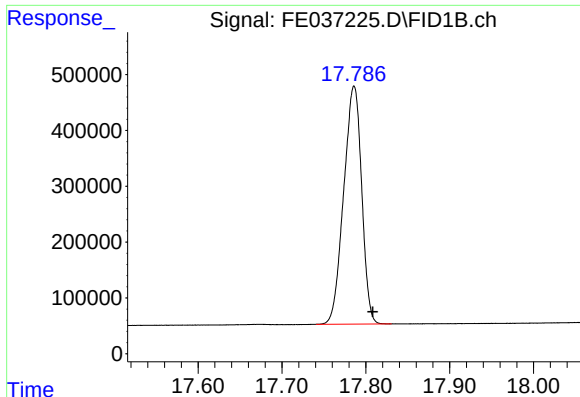
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.022 min
Response: 6953739
Conc: 42.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.899 min
Delta R.T.: -0.027 min
Response: 7349904
Conc: 46.29 ug/ml



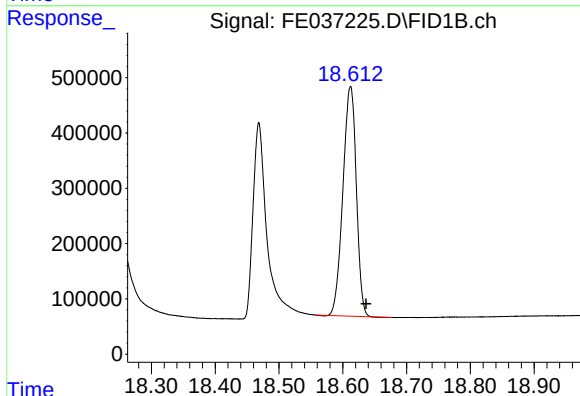
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.022 min
Response: 6350967
Conc: 40.89 ug/ml

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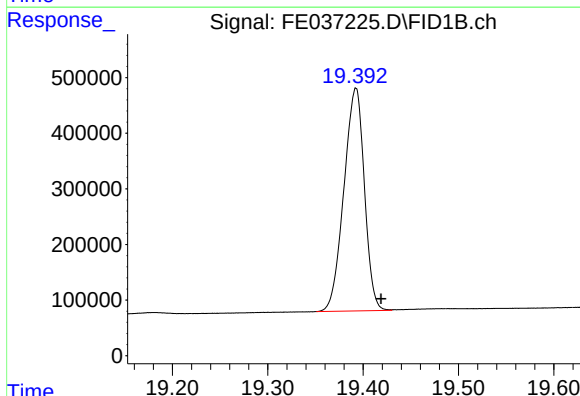
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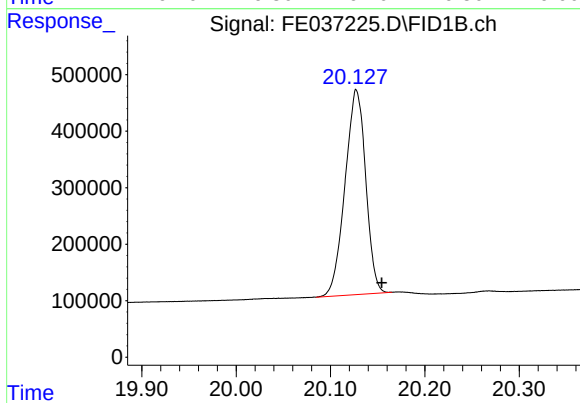
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.024 min
Response: 6072048
Conc: 40.71 ug/ml



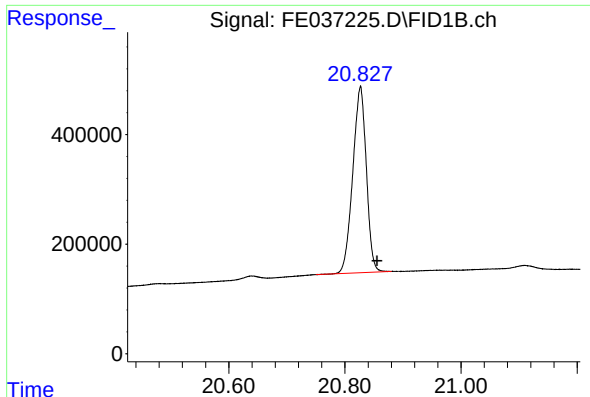
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.026 min
Response: 5983122
Conc: 44.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.028 min
Response: 5517870
Conc: 42.98 ug/ml m



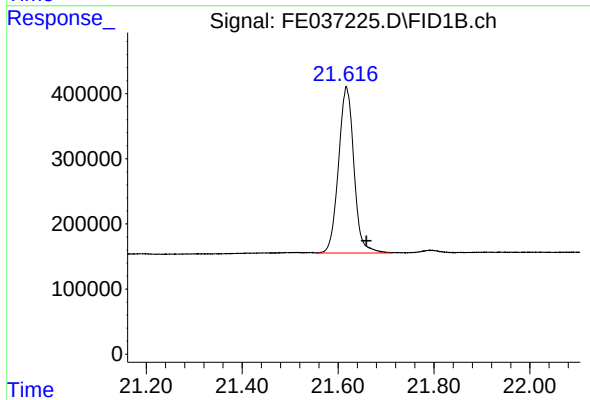
#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.028 min
Response: 5503189
Conc: 45.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.043 min
Response: 5686692
Conc: 47.08 ug/ml m