

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038452.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2022 17:57
 Operator : YP\AJ
 Sample : PB148684BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148684BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:43:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.971	7280092	42.309 ug/ml
Spiked Amount 50.000		Recovery =	84.62%
12) S 1-chlorooctadecane (S...	13.403	5816486	42.487 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
Target Compounds			
1) T n-Nonane (C9)	3.379	6303285	40.927 ug/ml
2) T n-Decane (C10)	4.621	6539818	42.132 ug/ml
3) T A~Naphthalene (C11.7)	6.318	7350984	43.406 ug/ml
4) T n-Dodecane (C12)	6.778	7156132	45.809 ug/ml
5) T A~2-methylnaphthalene...	7.412	7403266	44.176 ug/ml
6) T n-Tetradecane (C14)	8.605	7606305	48.637 ug/ml
7) T n-Hexadecane (C16)	10.209	7847508	49.671 ug/ml
8) T n-Octadecane (C18)	11.651	8012448	50.022 ug/ml
10) T n-Eicosane (C20)	12.960	7768119	48.211 ug/ml
11) T n-Heneicosane (C21)	13.571	7697380	47.652 ug/ml
13) T n-Docosane (C22)	14.157	7598217	47.065 ug/ml
14) T n-Tetracosane (C24)	15.246	14028444	87.460 ug/ml
15) T n-Hexacosane (C26)	16.280	7230935	45.525 ug/ml
16) T n-Octacosane (C28)	17.226	7129304	45.441 ug/ml
17) T n-Tricontane (C30)	18.114	6802008	42.630 ug/ml
18) T n-Dotriacontane (C32)	18.944	6787452	43.048 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6748214	45.774 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	6505912	45.533 ug/ml
21) T n-Octatriacontane (C38)	21.208	6484145	48.008 ug/ml
22) T n-Tetracontane (C40)	22.134	6652163	52.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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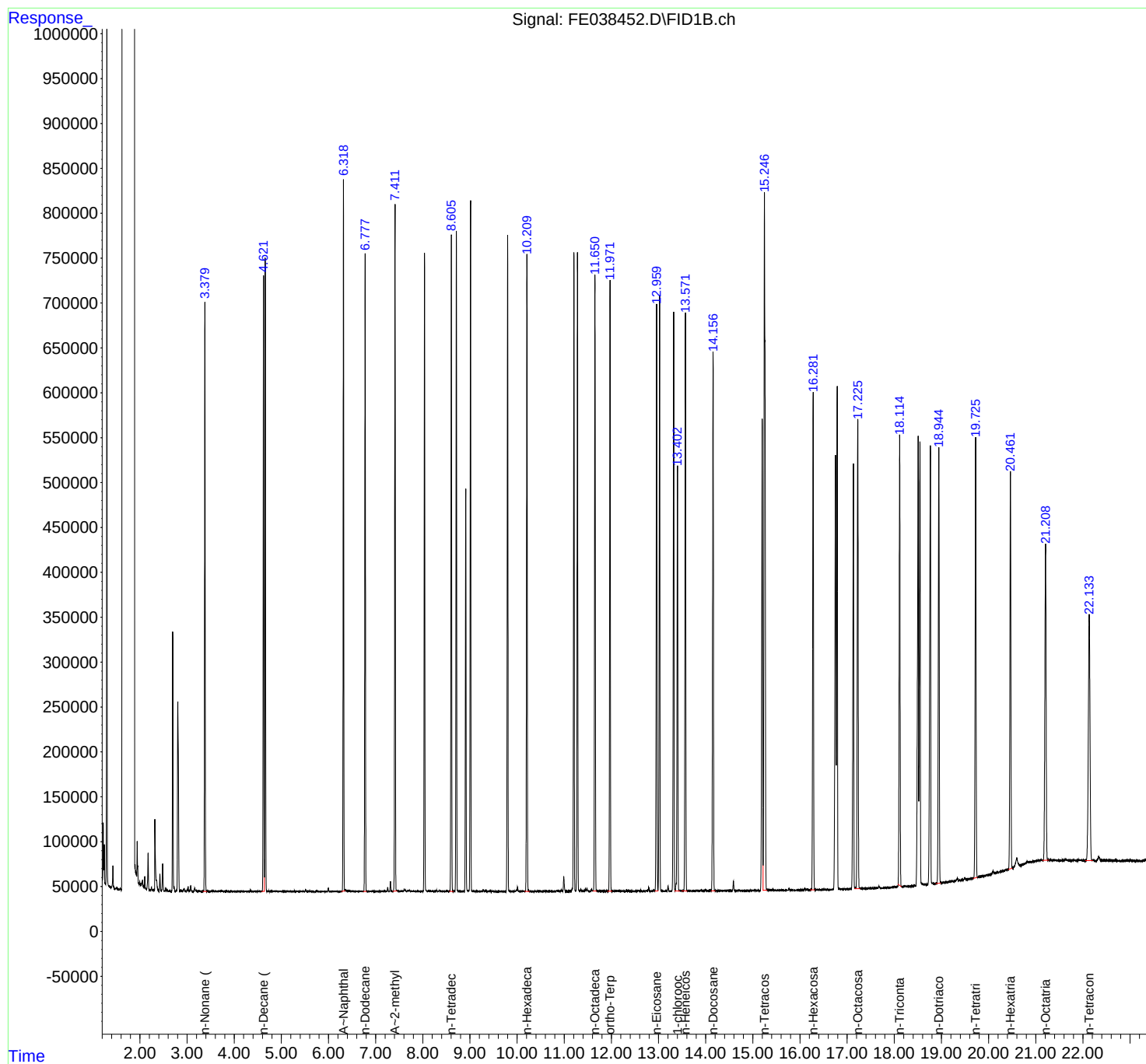
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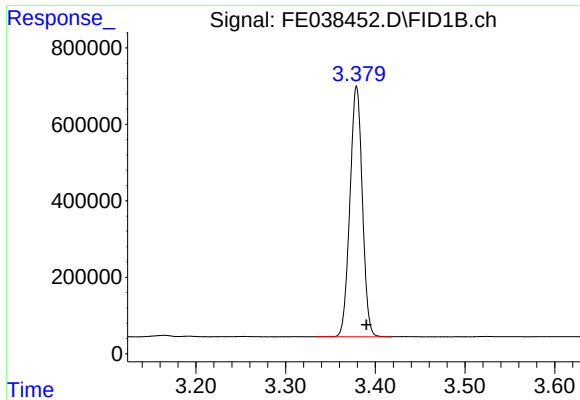
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#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 6303285
Conc: 40.93 ug/ml

Instrument :

FID_E

ClientSampleId :

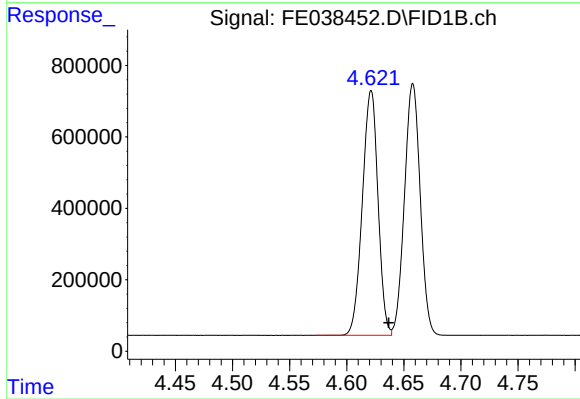
PB148684BSD

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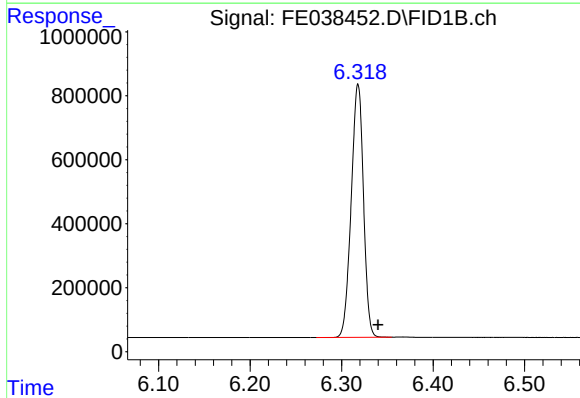
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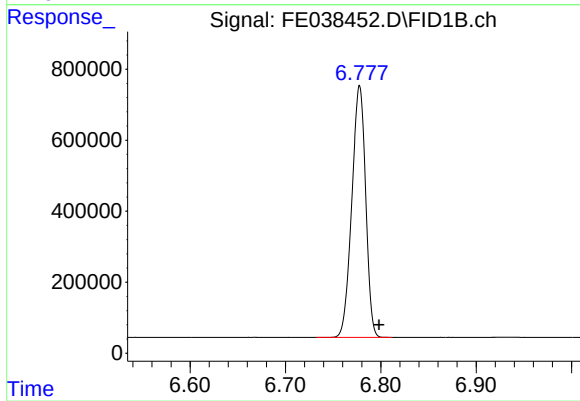
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: -0.015 min
Response: 6539818
Conc: 42.13 ug/ml



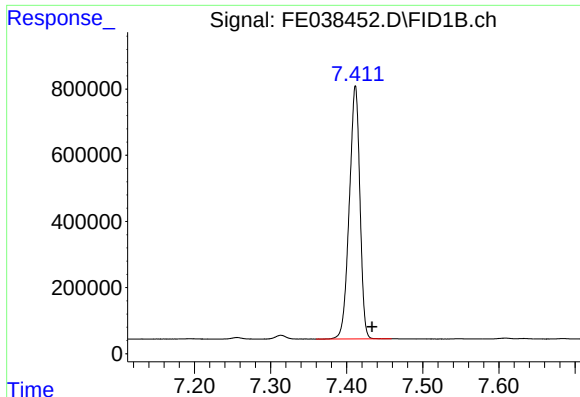
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.022 min
Response: 7350984
Conc: 43.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.021 min
Response: 7156132
Conc: 45.81 ug/ml



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

R.T.: 7.412 min
Delta R.T.: -0.022 min
Response: 7403266
Conc: 44.18 ug/ml

Instrument :

FID_E

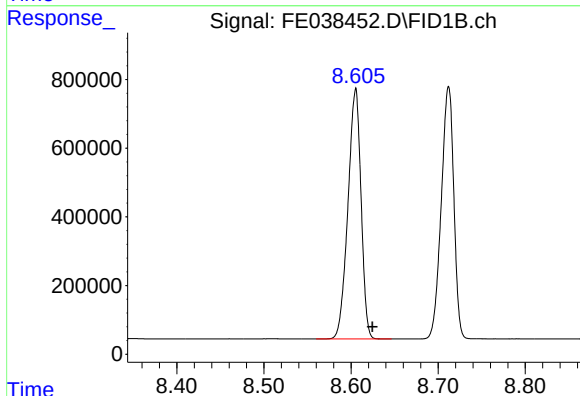
ClientSampleId :

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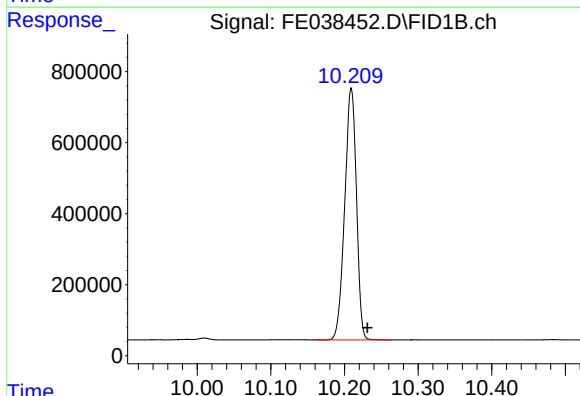
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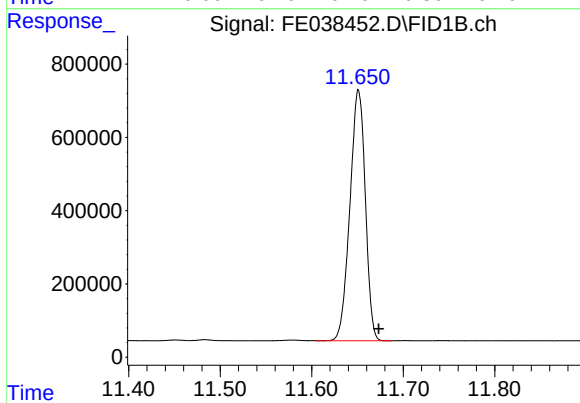
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.019 min
Response: 7606305
Conc: 48.64 ug/ml



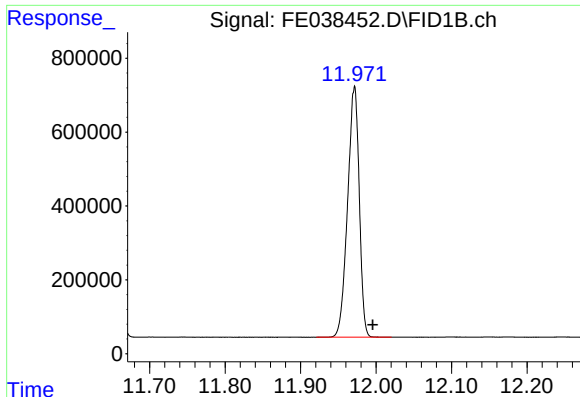
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.022 min
Response: 7847508
Conc: 49.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.022 min
Response: 8012448
Conc: 50.02 ug/ml



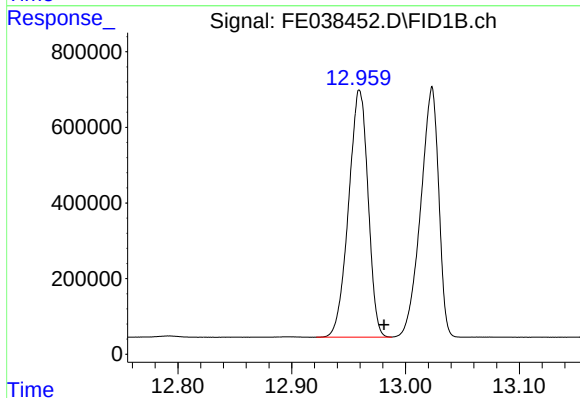
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: -0.024 min
Response: 7280092
Conc: 42.31 ug/ml

Instrument :
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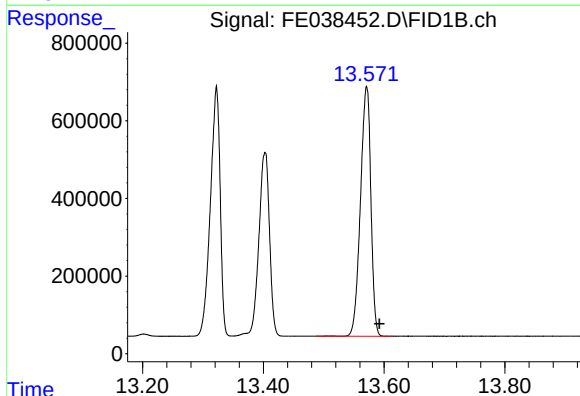
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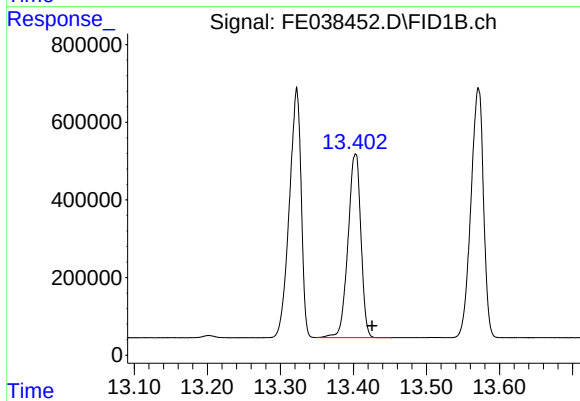
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.021 min
Response: 7768119
Conc: 48.21 ug/ml



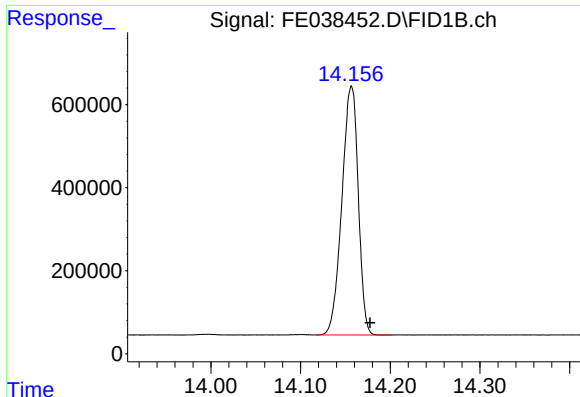
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.021 min
Response: 7697380
Conc: 47.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.023 min
Response: 5816486
Conc: 42.49 ug/ml



#13 n-Docosane (C22)

R.T.: 14.157 min
Delta R.T.: -0.021 min
Response: 7598217
Conc: 47.06 ug/ml

Instrument :

FID_E

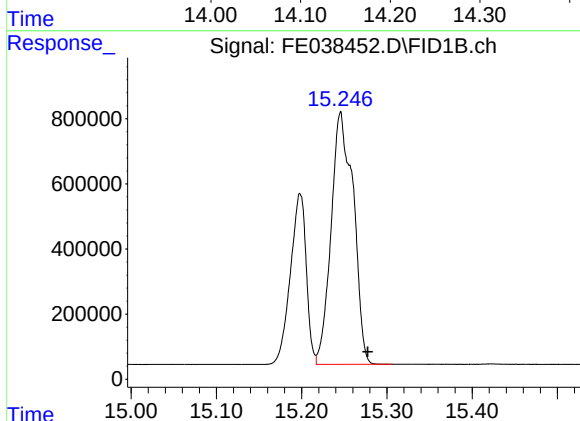
ClientSampleId :

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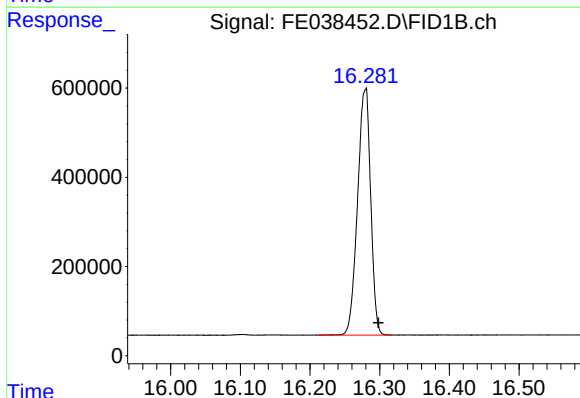
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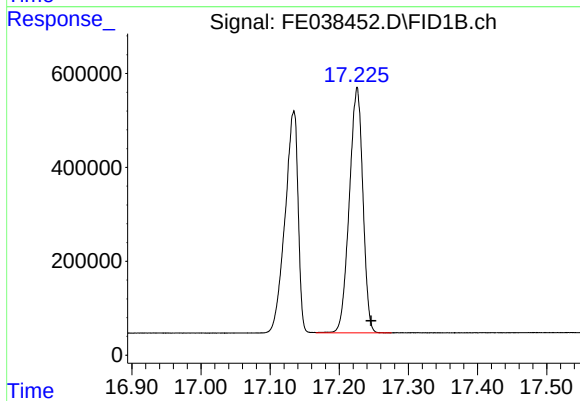
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.032 min
Response: 14028444
Conc: 87.46 ug/ml



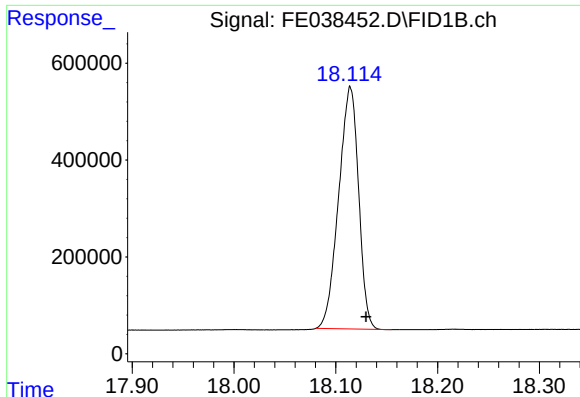
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.019 min
Response: 7230935
Conc: 45.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.020 min
Response: 7129304
Conc: 45.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.015 min
Response: 6802008
Conc: 42.63 ug/ml

Instrument :

FID_E

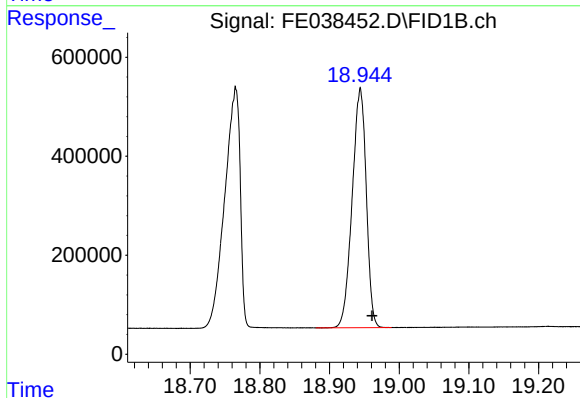
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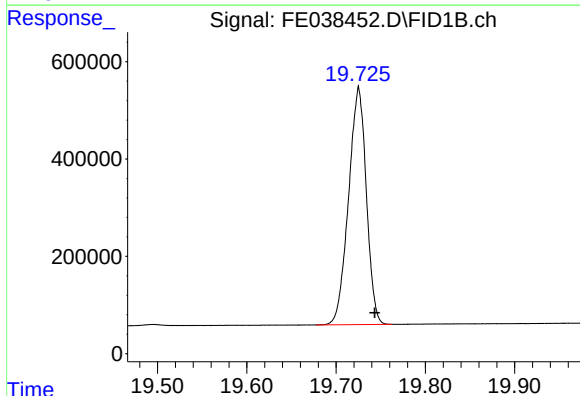
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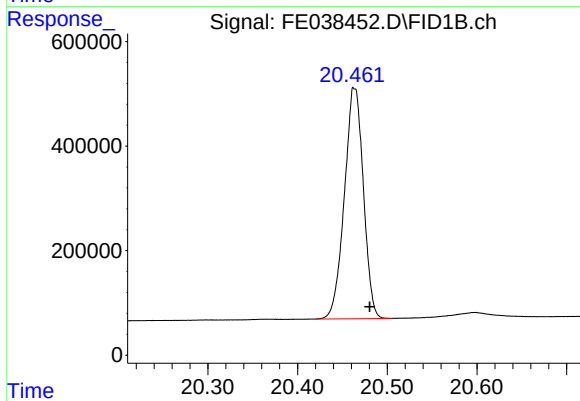
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 6787452
Conc: 43.05 ug/ml



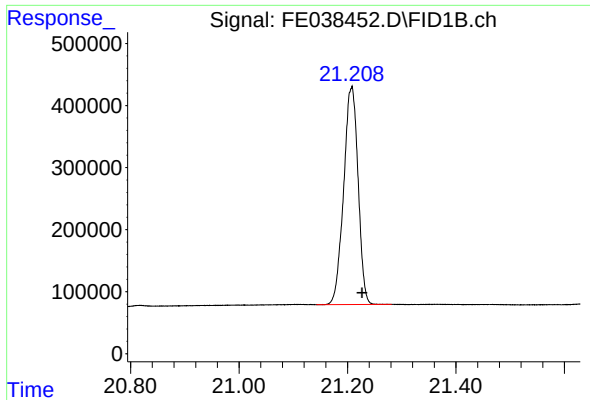
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 6748214
Conc: 45.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.017 min
Response: 6505912
Conc: 45.53 ug/ml



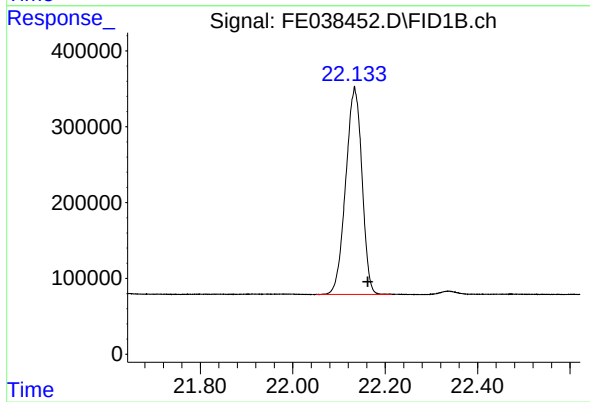
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6484145
Conc: 48.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: -0.028 min
Response: 6652163
Conc: 52.70 ug/ml