

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039234.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2022 02:16
 Operator : YP\AJ
 Sample : PB149502BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149502BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2022
 Supervised By :Ankita Jodhani 12/12/2022

Integration File: autoint1.e
 Quant Time: Dec 11 02:59:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.940	7495231	47.911 ug/ml
Spiked Amount 50.000		Recovery =	95.82%
12) S 1-chlorooctadecane (S...	13.373	5675972	47.010 ug/ml
Spiked Amount 50.000		Recovery =	94.02%
Target Compounds			
1) T n-Nonane (C9)	3.343	3212413	22.663 ug/ml
2) T n-Decane (C10)	4.588	3226257	23.148 ug/ml
3) T A~Naphthalene (C11.7)	6.288	7807072	49.085 ug/ml
4) T n-Dodecane (C12)	6.746	3127524	22.187 ug/ml
5) T A~2-methylnaphthalene...	7.382	7075218	47.273 ug/ml
6) T n-Tetradecane (C14)	8.573	2900141	20.306 ug/ml
7) T n-Hexadecane (C16)	10.177	2826175	19.329 ug/ml
8) T n-Octadecane (C18)	11.619	2741362	18.630 ug/ml
10) T n-Eicosane (C20)	12.927	2529352	17.817 ug/ml
11) T n-Heneicosane (C21)	13.538	2404098	16.918 ug/mlm
13) T n-Docosane (C22)	14.125	2346641	16.787 ug/ml
14) T n-Tetracosane (C24)	15.220	9905311	71.723 ug/ml
15) T n-Hexacosane (C26)	16.249	2062275	15.354 ug/ml
16) T n-Octacosane (C28)	17.196	2082647	15.683 ug/ml
17) T n-Tricontane (C30)	18.086	1801653	13.643 ug/ml
18) T n-Dotriacontane (C32)	18.917	1743878	13.076 ug/ml
19) T n-Tetratriacontane (C34)	19.701	1739996	13.150 ug/mlm
20) T n-Hexatriacontane (C36)	20.440	1750687	13.627 ug/mlm
21) T n-Octatriacontane (C38)	21.178	1753776	13.384 ug/ml
22) T n-Tetracontane (C40)	22.095	1642364	12.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149502BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

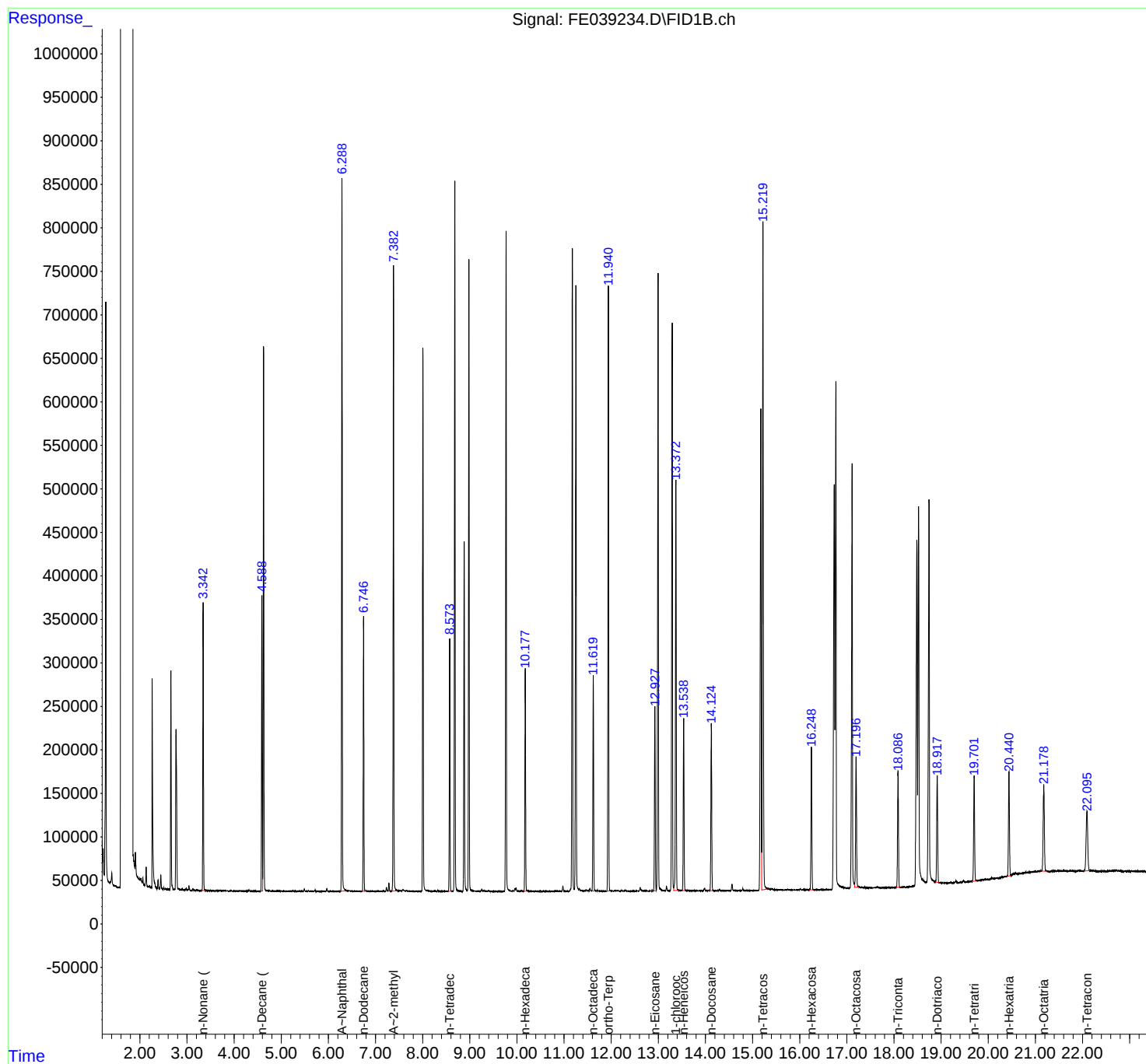
Instrument :
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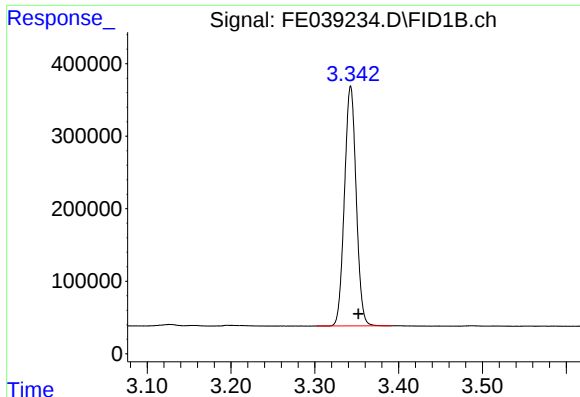
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.009 min
Response: 3212413
Conc: 22.66 ug/ml

Instrument :

FID_E

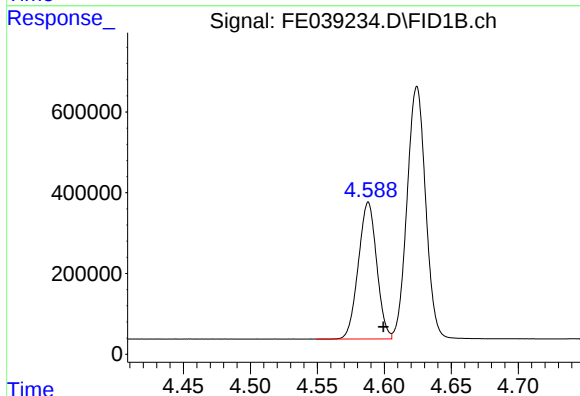
ClientSampleId :

PB149502BSD

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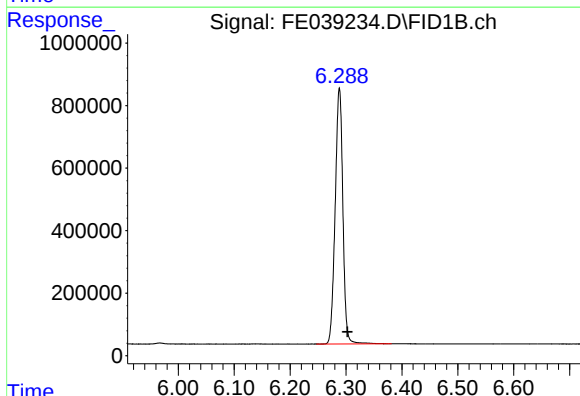
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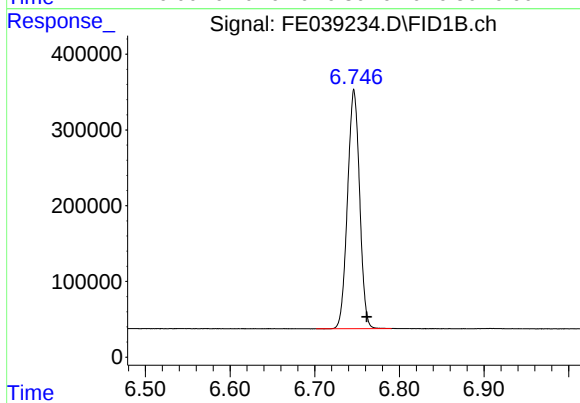
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.011 min
Response: 3226257
Conc: 23.15 ug/ml



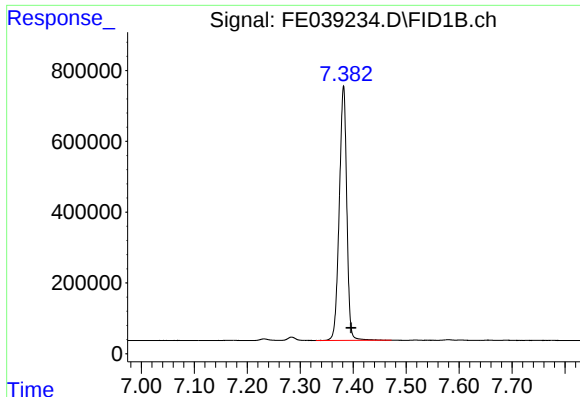
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.014 min
Response: 7807072
Conc: 49.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.015 min
Response: 3127524
Conc: 22.19 ug/ml



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

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 7075218
Conc: 47.27 ug/ml

Instrument :

FID_E

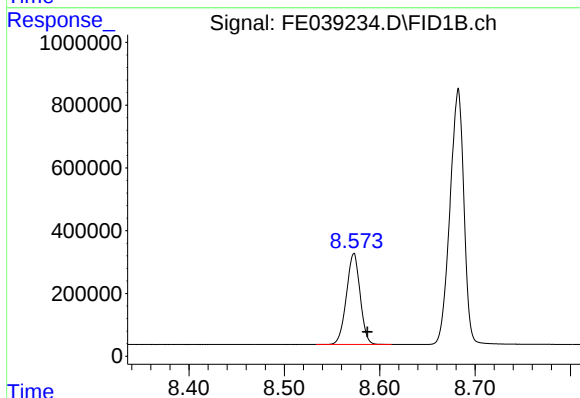
ClientSampleId :

PB149502BSD

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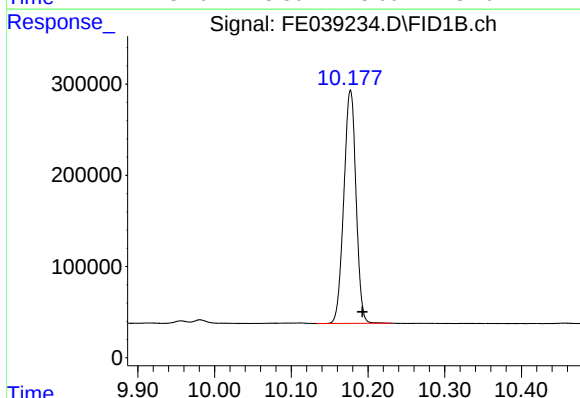
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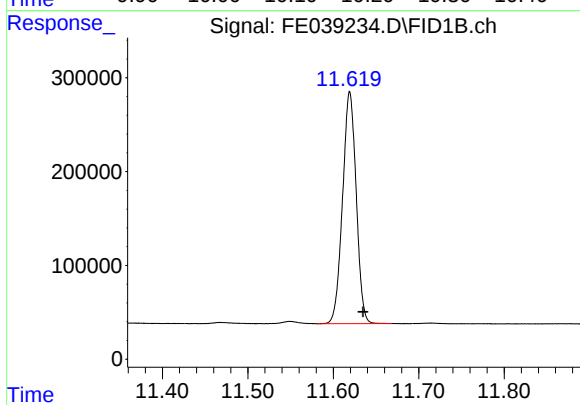
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.014 min
Response: 2900141
Conc: 20.31 ug/ml



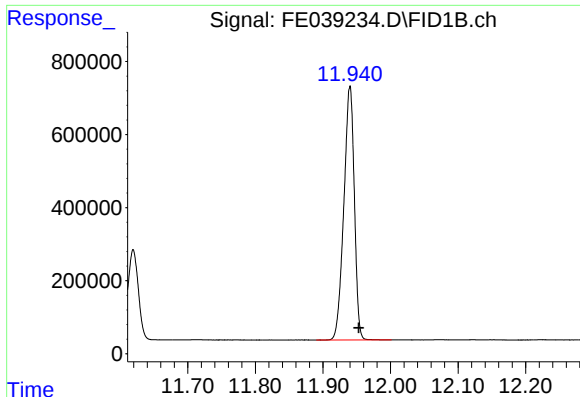
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.016 min
Response: 2826175
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.016 min
Response: 2741362
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.013 min
Response: 7495231
Conc: 47.91 ug/ml

Instrument :

FID_E

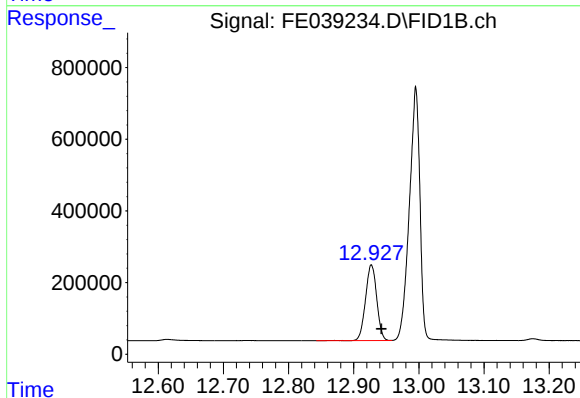
ClientSampleId :

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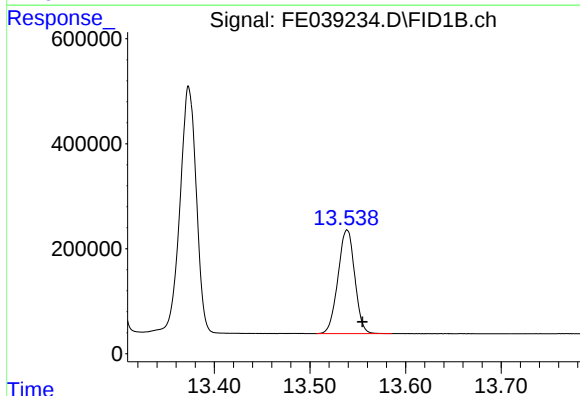
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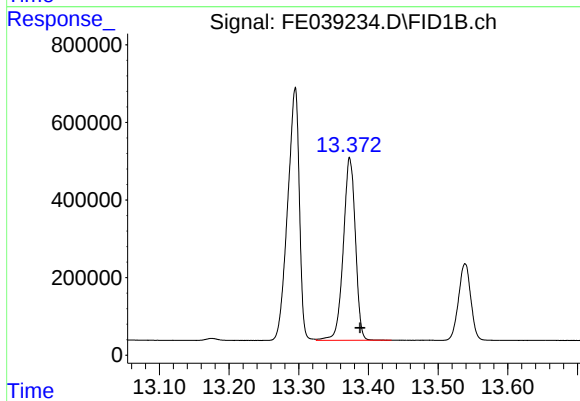
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.016 min
Response: 2529352
Conc: 17.82 ug/ml



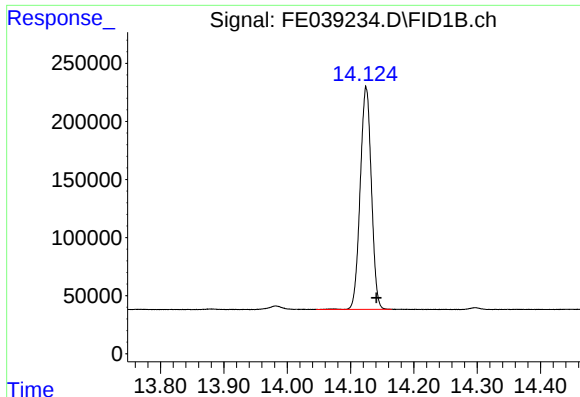
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.017 min
Response: 2404098
Conc: 16.92 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.015 min
Response: 5675972
Conc: 47.01 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.016 min
Response: 2346641
Conc: 16.79 ug/ml

Instrument :

FID_E

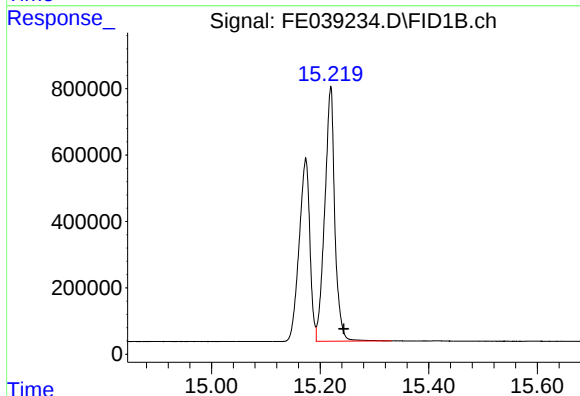
ClientSampleId :

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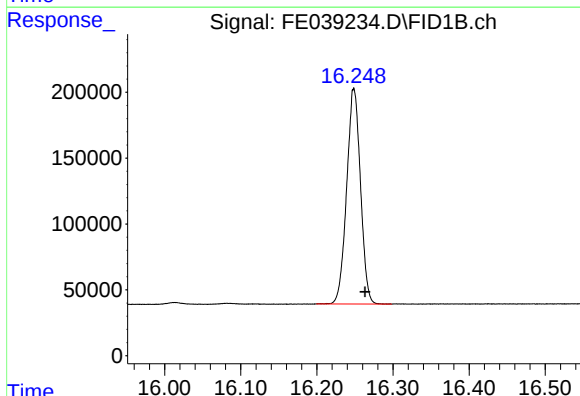
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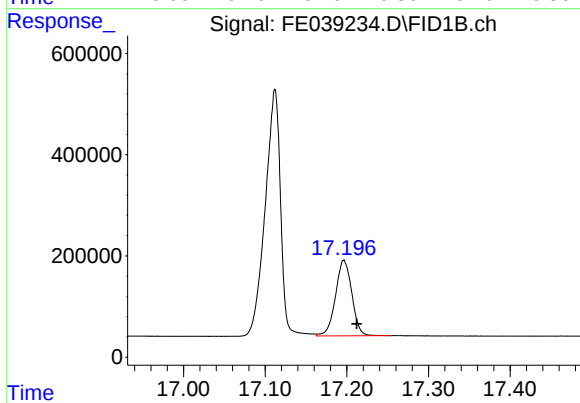
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.024 min
Response: 9905311
Conc: 71.72 ug/ml



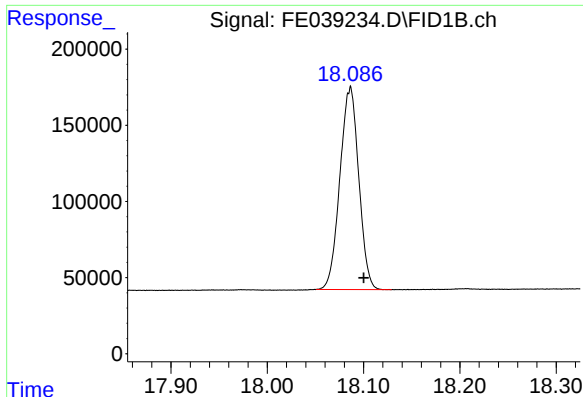
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.015 min
Response: 2062275
Conc: 15.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 2082647
Conc: 15.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.014 min
Response: 1801653
Conc: 13.64 ug/ml

Instrument :

FID_E

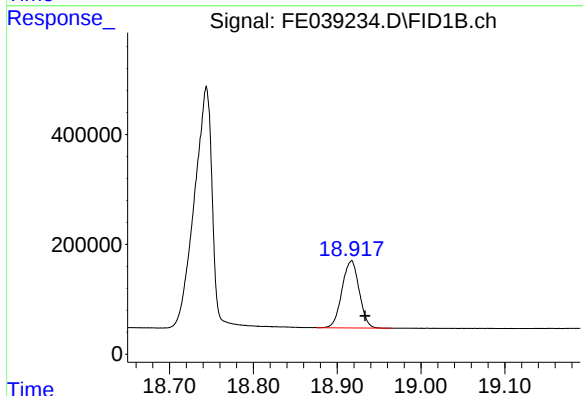
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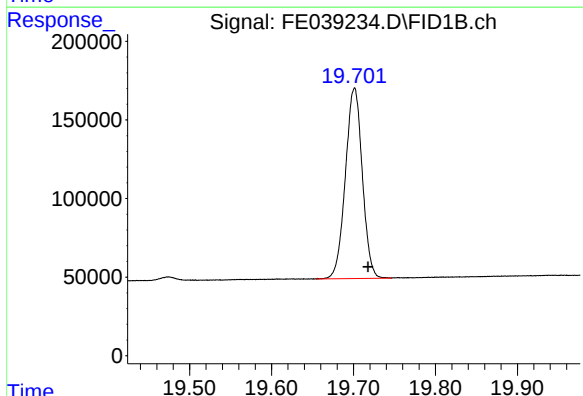
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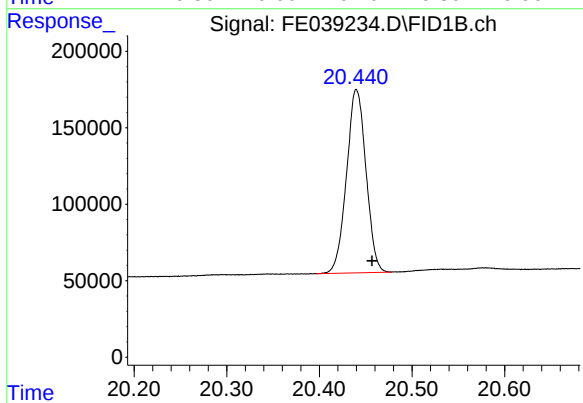
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.016 min
Response: 1743878
Conc: 13.08 ug/ml



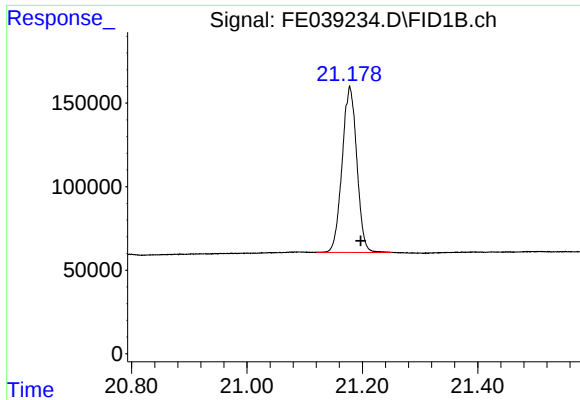
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 1739996
Conc: 13.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.017 min
Response: 1750687
Conc: 13.63 ug/ml m



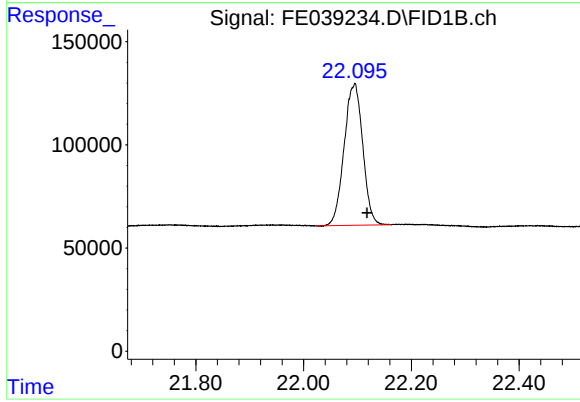
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.019 min
Response: 1753776
Conc: 13.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.022 min
Response: 1642364
Conc: 12.06 ug/ml