

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039233.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2022 01:46
 Operator : YP\AJ
 Sample : PB149502BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149502BS

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 02:59:13 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)	11.941	6918967	44.228 ug/ml
Spiked Amount 50.000		Recovery =	88.46%
12) S 1-chlorooctadecane (S...	13.375	5237471	43.378 ug/ml
Spiked Amount 50.000		Recovery =	86.76%
Target Compounds			
1) T n-Nonane (C9)	3.342	2958739	20.873 ug/ml
2) T n-Decane (C10)	4.588	2972477	21.327 ug/ml
3) T A~Naphthalene (C11.7)	6.289	7189422	45.201 ug/ml
4) T n-Dodecane (C12)	6.747	2882634	20.450 ug/ml
5) T A~2-methylnaphthalene...	7.382	6520845	43.569 ug/ml
6) T n-Tetradecane (C14)	8.573	2675278	18.732 ug/ml
7) T n-Hexadecane (C16)	10.178	2607820	17.836 ug/ml
8) T n-Octadecane (C18)	11.620	2536335	17.236 ug/ml
10) T n-Eicosane (C20)	12.929	2338620	16.473 ug/ml
11) T n-Heneicosane (C21)	13.538	2221400	15.633 ug/mlm
13) T n-Docosane (C22)	14.125	2158020	15.438 ug/ml
14) T n-Tetracosane (C24)	15.219	8896364	64.418 ug/ml
15) T n-Hexacosane (C26)	16.249	1888208	14.058 ug/ml
16) T n-Octacosane (C28)	17.197	1886414	14.205 ug/ml
17) T n-Tricontane (C30)	18.085	1636620	12.393 ug/ml
18) T n-Dotriacontane (C32)	18.915	1580236	11.849 ug/ml
19) T n-Tetratriacontane (C34)	19.699	1579453	11.936 ug/mlm
20) T n-Hexatriacontane (C36)	20.438	1593873	12.406 ug/mlm
21) T n-Octatriacontane (C38)	21.177	1602172	12.227 ug/ml
22) T n-Tetracontane (C40)	22.093	1491790	10.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149502BS
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ALS Vial : 25 Sample Multiplier: 1

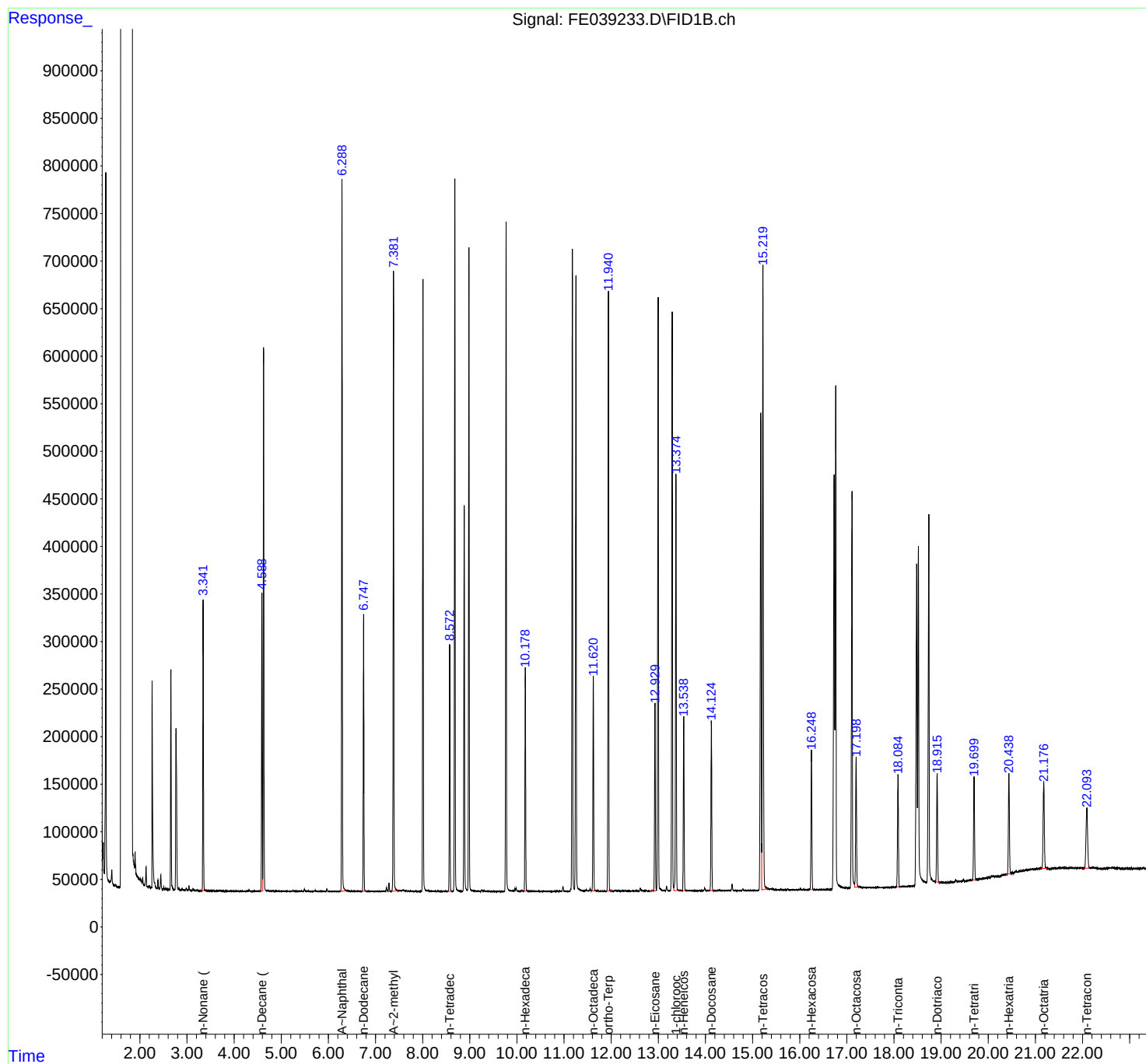
Instrument :
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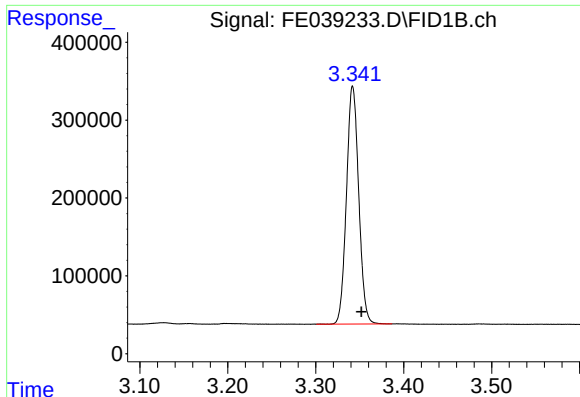
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.010 min
Response: 2958739
Conc: 20.87 ug/ml

Instrument :

FID_E

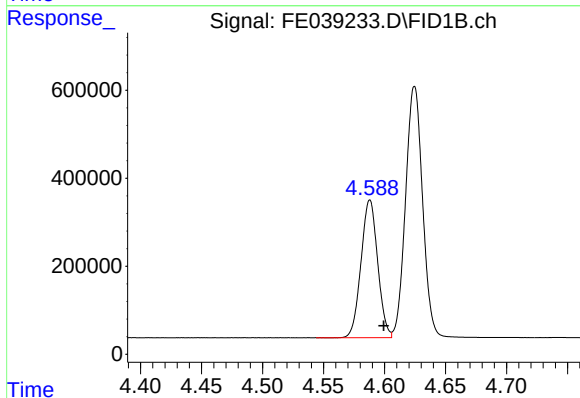
ClientSampleId :

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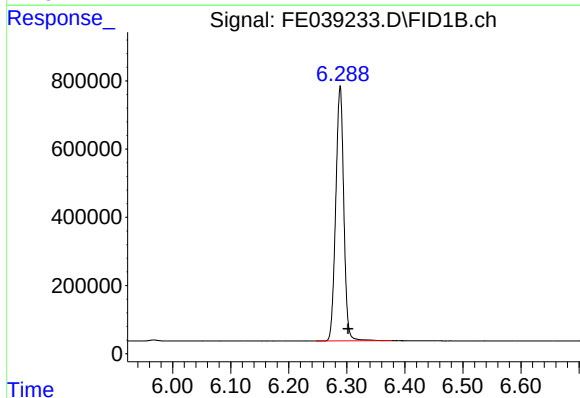
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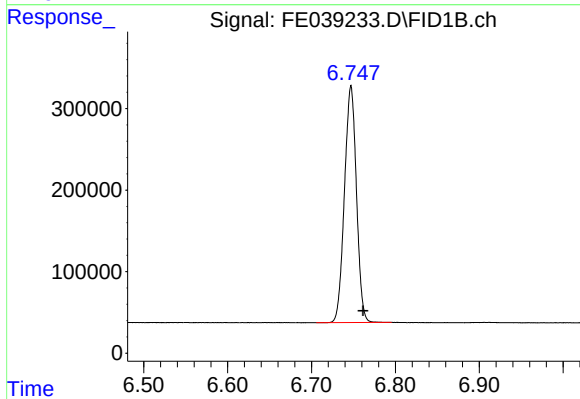
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.011 min
Response: 2972477
Conc: 21.33 ug/ml



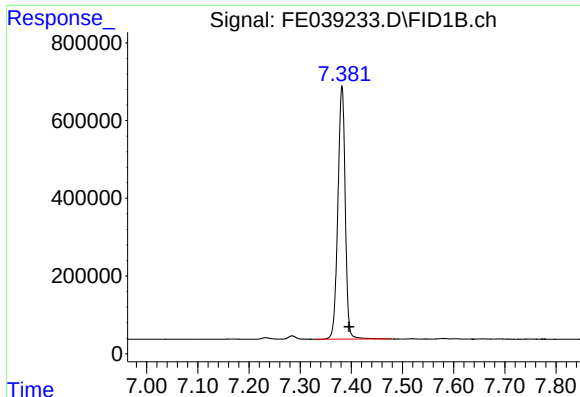
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.014 min
Response: 7189422
Conc: 45.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 2882634
Conc: 20.45 ug/ml



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

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 6520845
Conc: 43.57 ug/ml

Instrument :

FID_E

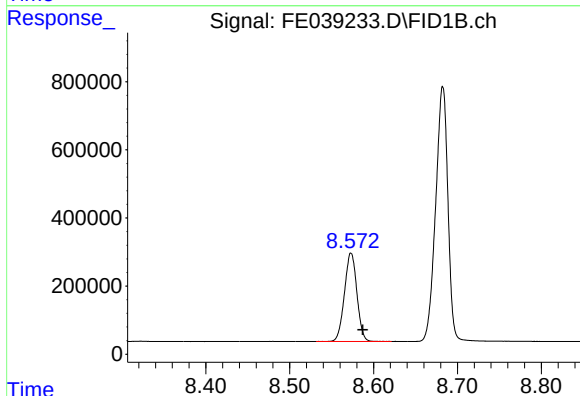
ClientSampleId :

PB149502BS

Manual Integrations

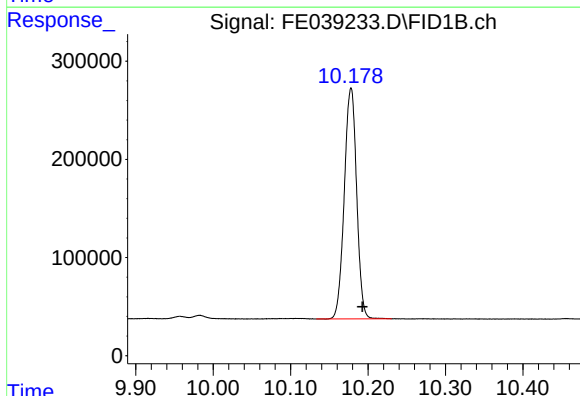
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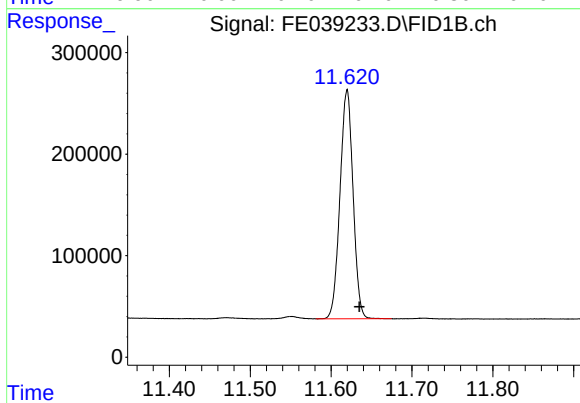
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.014 min
Response: 2675278
Conc: 18.73 ug/ml



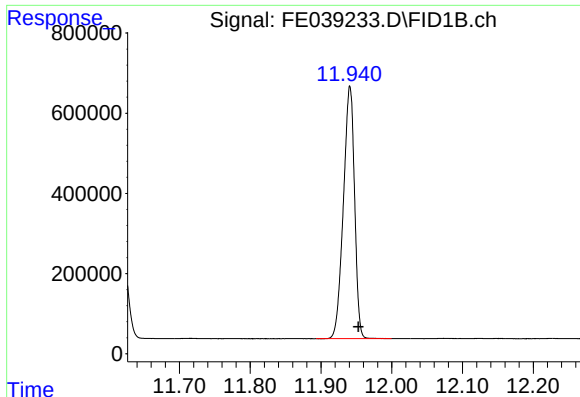
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 2607820
Conc: 17.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 2536335
Conc: 17.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.012 min
Response: 6918967
Conc: 44.23 ug/ml

Instrument :

FID_E

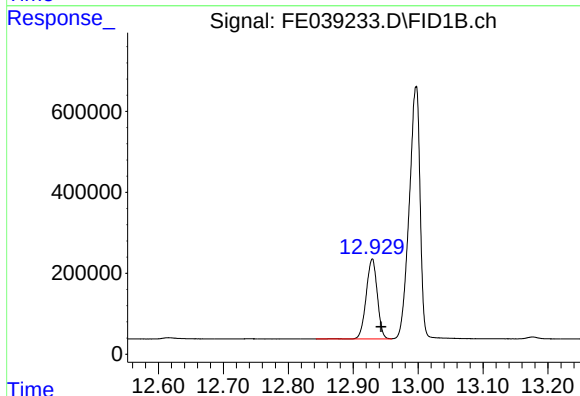
ClientSampleId :

PB149502BS

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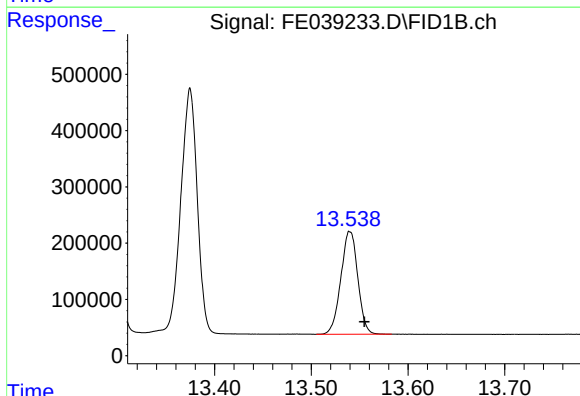
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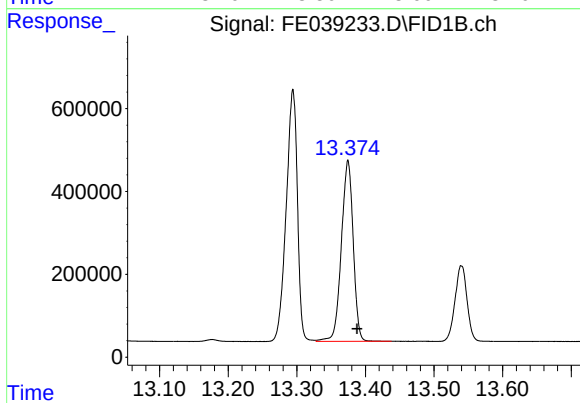
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 2338620
Conc: 16.47 ug/ml



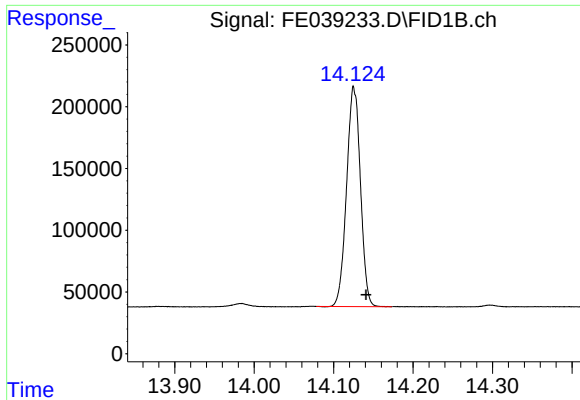
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.016 min
Response: 2221400
Conc: 15.63 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.013 min
Response: 5237471
Conc: 43.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.015 min
Response: 2158020
Conc: 15.44 ug/ml

Instrument :

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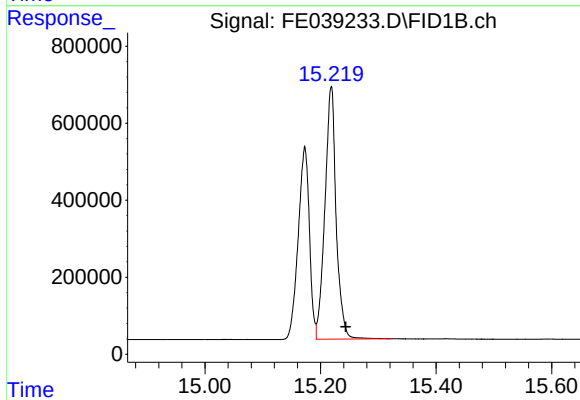
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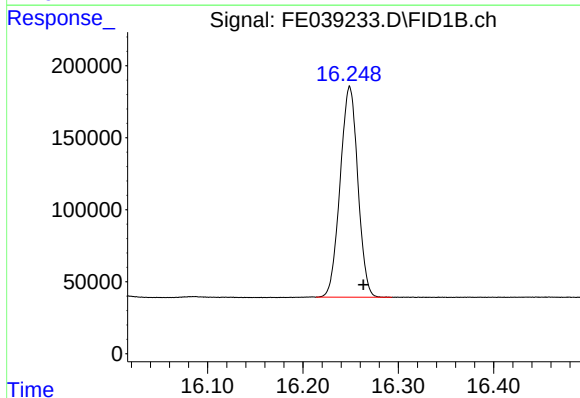
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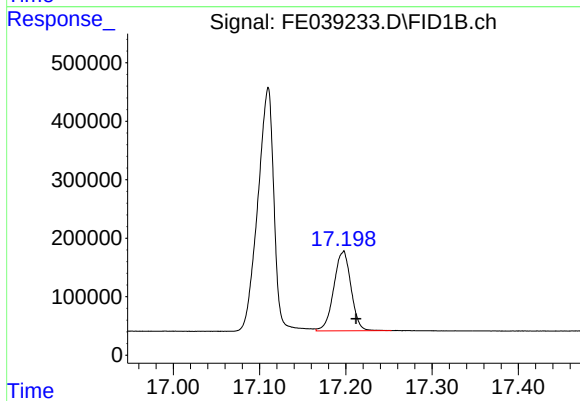
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.025 min
Response: 8896364
Conc: 64.42 ug/ml



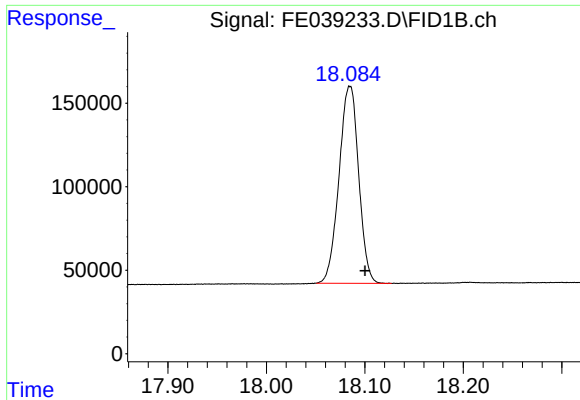
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.014 min
Response: 1888208
Conc: 14.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.015 min
Response: 1886414
Conc: 14.21 ug/ml



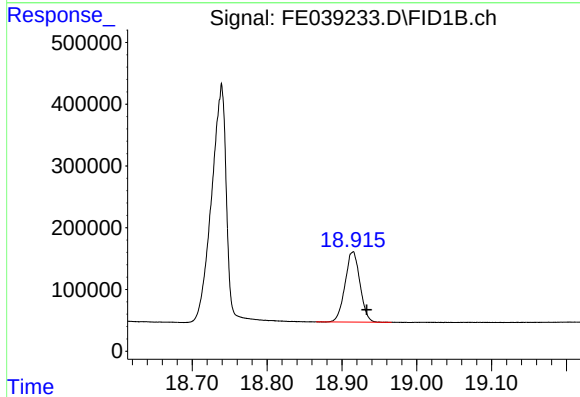
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.015 min
Response: 1636620
Conc: 12.39 ug/ml

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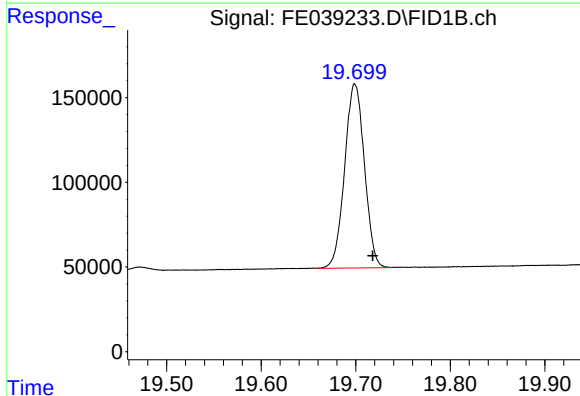
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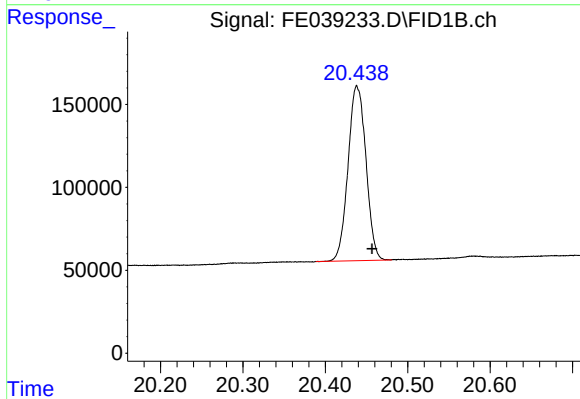
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.019 min
Response: 1580236
Conc: 11.85 ug/ml



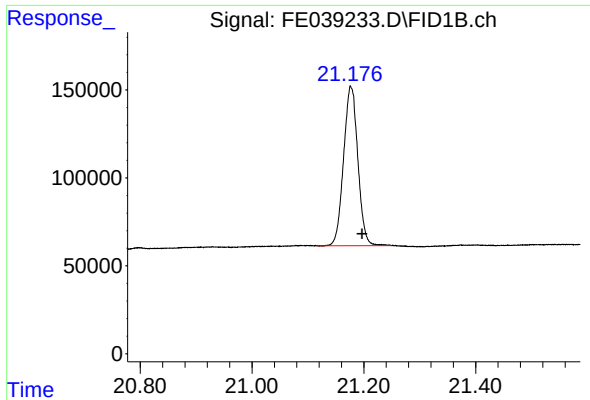
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.019 min
Response: 1579453
Conc: 11.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.019 min
Response: 1593873
Conc: 12.41 ug/ml m



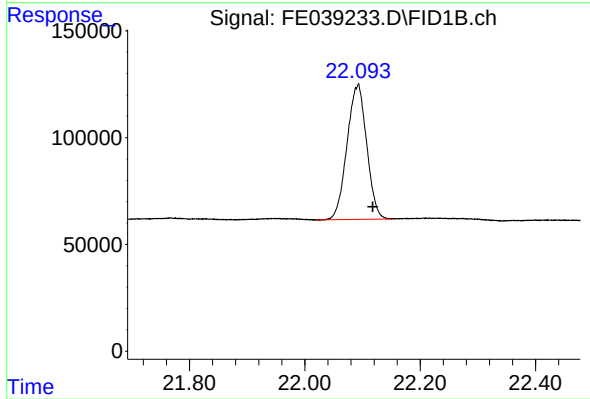
#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.020 min
Response: 1602172
Conc: 12.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: -0.025 min
Response: 1491790
Conc: 10.96 ug/ml