

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039676.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 17:21
 Operator : YP\AJ
 Sample : 01043-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-203MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2023
 Supervised By :Ankita Jodhani 01/09/2023

Integration File: autoint1.e
 Quant Time: Jan 09 02:39:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.922	4054754	27.171 ug/ml
Spiked Amount 50.000		Recovery =	54.34%
12) S 1-chlorooctadecane (S...	13.358	3308691	28.746 ug/ml
Spiked Amount 50.000		Recovery =	57.49%
Target Compounds			
1) T n-Nonane (C9)	3.318	2049253	15.854 ug/ml
2) T n-Decane (C10)	4.603	3959286	31.073 ug/ml
3) T A~Naphthalene (C11.7)	6.268	5252088	36.332 ug/ml
4) T n-Dodecane (C12)	6.729	2211322	17.033 ug/ml
5) T A~2-methylnaphthalene...	7.363	4974119	36.728 ug/ml
6) T n-Tetradecane (C14)	8.556	2214582	16.712 ug/ml
7) T n-Hexadecane (C16)	10.162	2279297	16.568 ug/ml
8) T n-Octadecane (C18)	11.604	2294710	16.384 ug/ml
10) T n-Eicosane (C20)	12.912	2111637	15.469 ug/ml
11) T n-Heneicosane (C21)	13.523	2019738	14.808 ug/mlm
13) T n-Docosane (C22)	14.109	1964512	14.522 ug/ml
14) T n-Tetracosane (C24)	15.202	7704517	57.394 ug/ml
15) T n-Hexacosane (C26)	16.233	1704624	13.091 ug/ml
16) T n-Octacosane (C28)	17.183	1694795	13.168 ug/mlm
17) T n-Tricontane (C30)	18.070	1452579	11.282 ug/mlm
18) T n-Dotriacontane (C32)	18.902	1444897	11.157 ug/ml
19) T n-Tetratriacontane (C34)	19.686	1311634	10.396 ug/ml
20) T n-Hexatriacontane (C36)	20.424	1226443	10.143 ug/mlm
21) T n-Octatriacontane (C38)	21.160	1068311	8.650 ug/ml
22) T n-Tetracontane (C40)	22.068f	926180	7.375 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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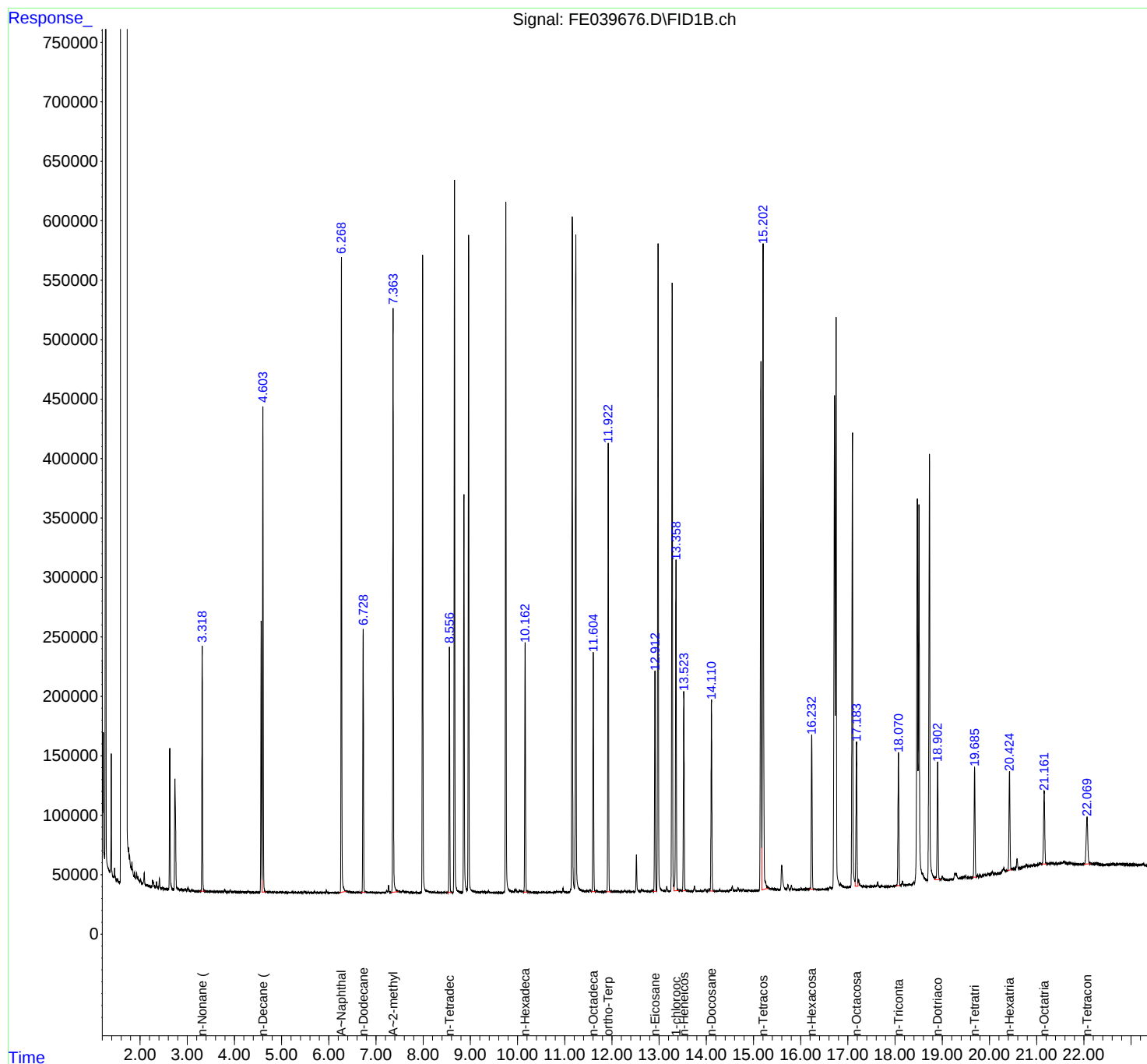
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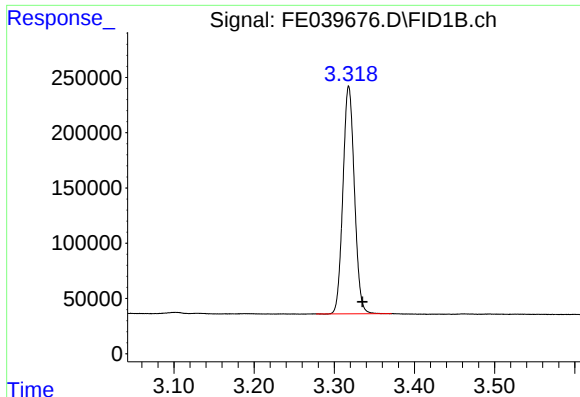
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#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.017 min
Response: 2049253
Conc: 15.85 ug/ml

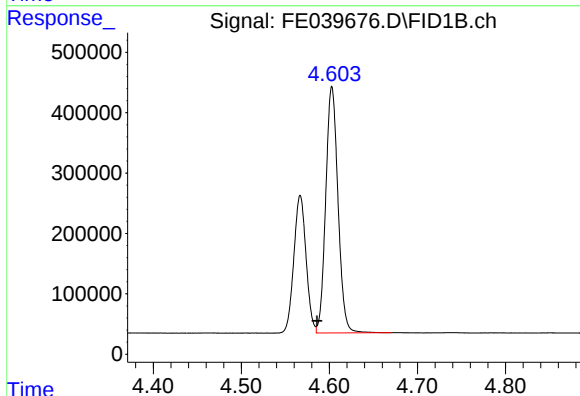
Instrument :

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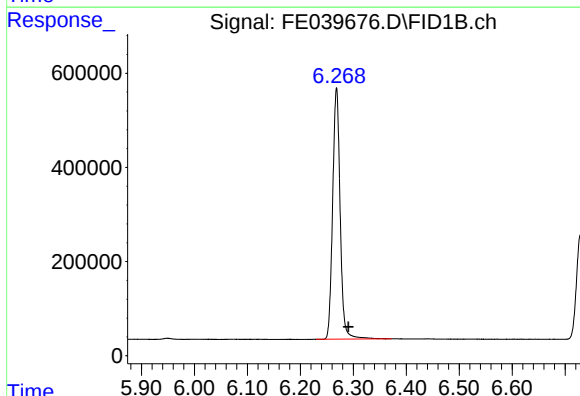
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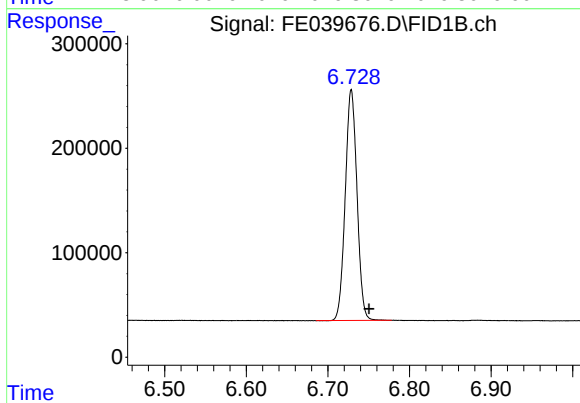
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: 0.017 min
Response: 3959286
Conc: 31.07 ug/ml



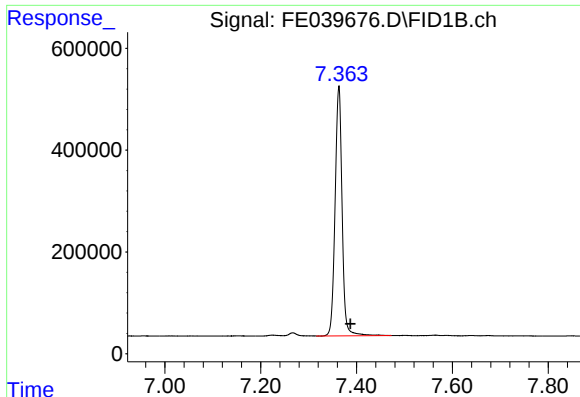
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.022 min
Response: 5252088
Conc: 36.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.022 min
Response: 2211322
Conc: 17.03 ug/ml



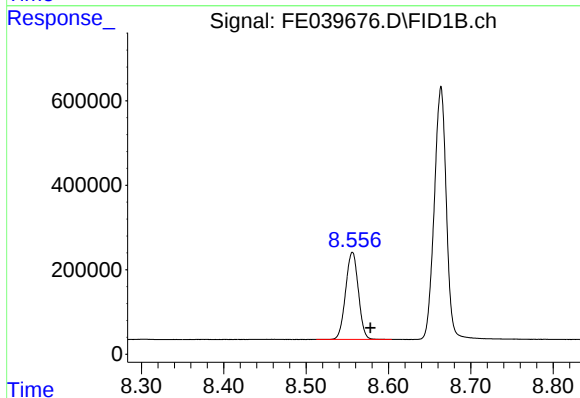
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.024 min
Response: 4974119
Conc: 36.73 ug/ml

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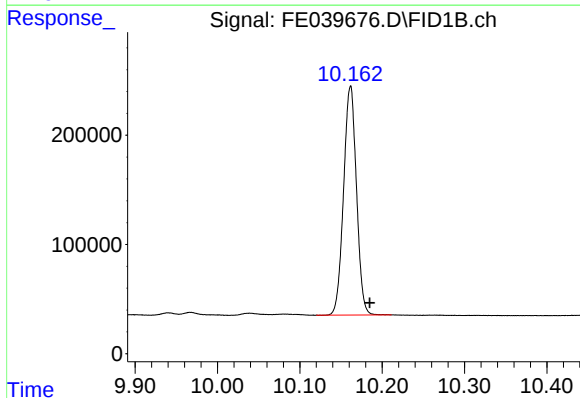
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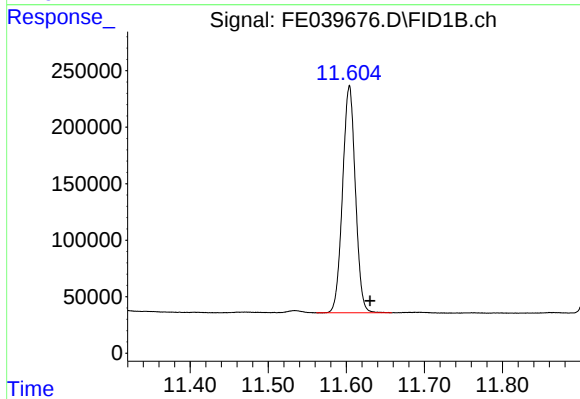
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.022 min
Response: 2214582
Conc: 16.71 ug/ml



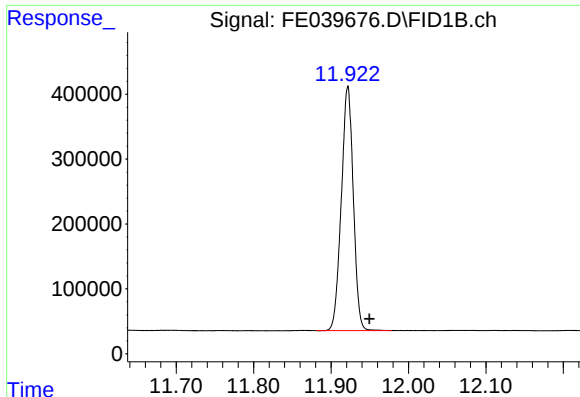
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.024 min
Response: 2279297
Conc: 16.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.026 min
Response: 2294710
Conc: 16.38 ug/ml



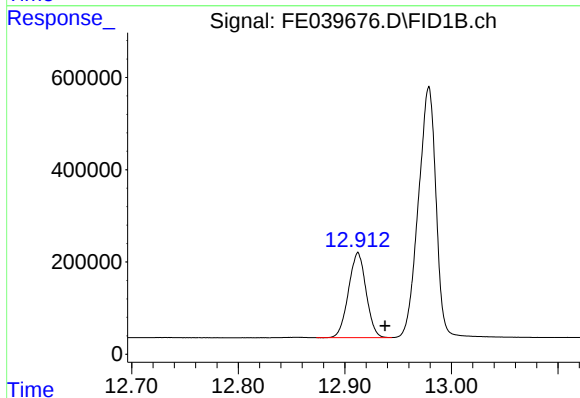
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.028 min
Response: 4054754
Conc: 27.17 ug/ml

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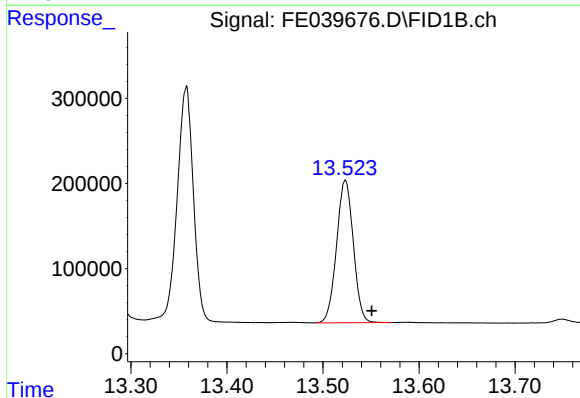
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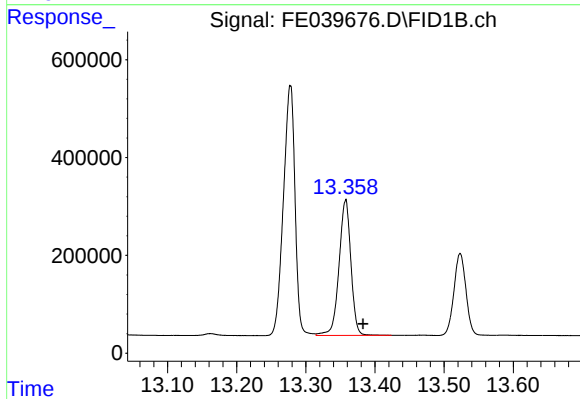
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.025 min
Response: 2111637
Conc: 15.47 ug/ml



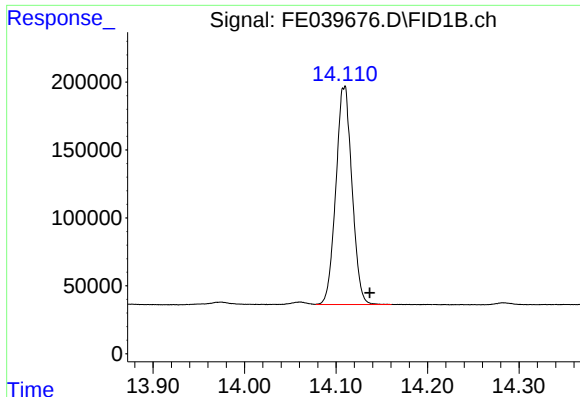
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.028 min
Response: 2019738
Conc: 14.81 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.025 min
Response: 3308691
Conc: 28.75 ug/ml



#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: -0.028 min
Response: 1964512
Conc: 14.52 ug/ml

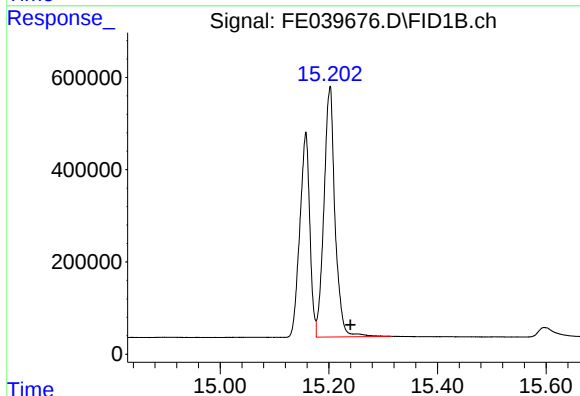
Instrument :

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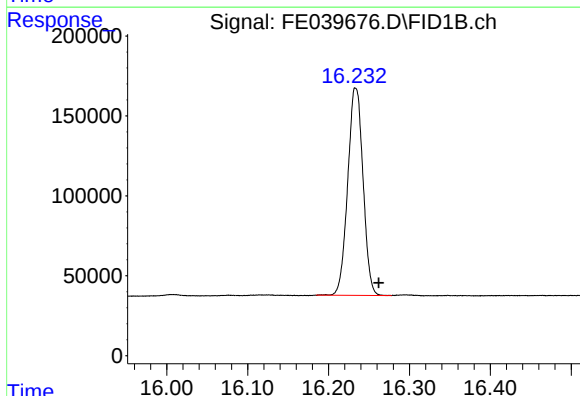
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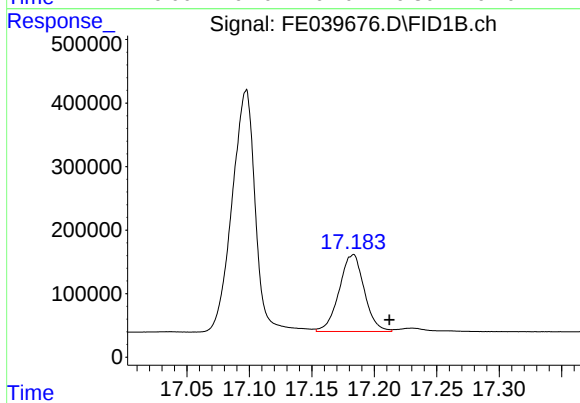
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.037 min
Response: 7704517
Conc: 57.39 ug/ml



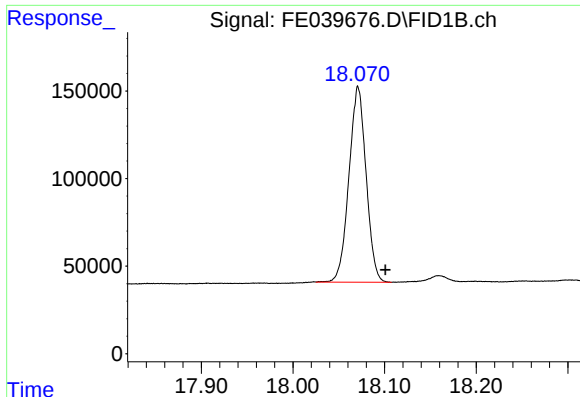
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.029 min
Response: 1704624
Conc: 13.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.029 min
Response: 1694795
Conc: 13.17 ug/ml m



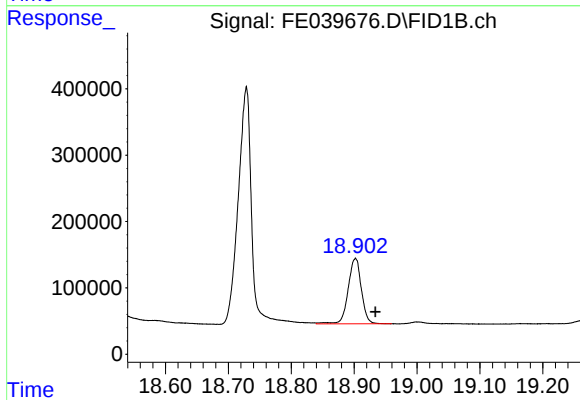
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.031 min
Response: 1452579
Conc: 11.28 ug/ml

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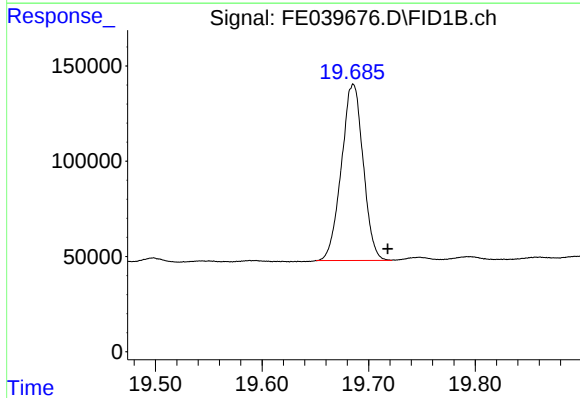
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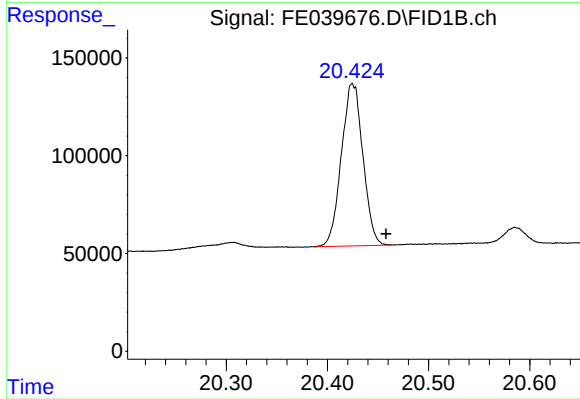
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.032 min
Response: 1444897
Conc: 11.16 ug/ml



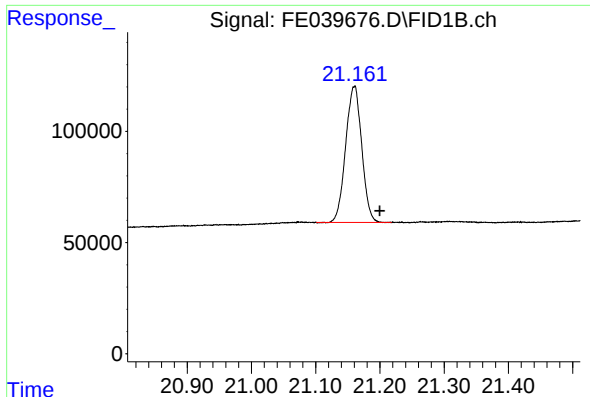
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.032 min
Response: 1311634
Conc: 10.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: -0.034 min
Response: 1226443
Conc: 10.14 ug/ml m



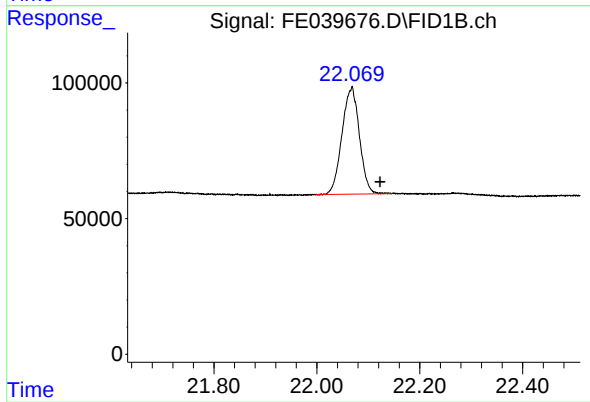
#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.039 min
Response: 1068311
Conc: 8.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.054 min
Response: 926180
Conc: 7.38 ug/ml