

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039303.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 16:09
 Operator : YP\AJ
 Sample : PB149634BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149634BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 14 17:39:34 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)	11.942	6320240	40.401 ug/ml
Spiked Amount 50.000		Recovery =	80.80%
12) S 1-chlorooctadecane (S...	13.377	5085051	42.116 ug/ml
Spiked Amount 50.000		Recovery =	84.23%
Target Compounds			
1) T n-Nonane (C9)	3.339	4285560	30.234 ug/ml
2) T n-Decane (C10)	4.587	4517059	32.409 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5150515	32.382 ug/ml
4) T n-Dodecane (C12)	6.747	4984765	35.363 ug/ml
5) T A~2-methylnaphthalene...	7.381	5286531	35.322 ug/ml
6) T n-Tetradecane (C14)	8.575	5608479	39.269 ug/ml
7) T n-Hexadecane (C16)	10.181	6206683	42.450 ug/ml
8) T n-Octadecane (C18)	11.624	6573087	44.670 ug/ml
10) T n-Eicosane (C20)	12.934	6462722	45.524 ug/ml
11) T n-Heneicosane (C21)	13.544	6347153	44.667 ug/ml
13) T n-Docosane (C22)	14.131	6344703	45.388 ug/ml
14) T n-Tetracosane (C24)	15.235	2287048	16.560 ug/mlm
15) T n-Hexacosane (C26)	16.256	6062028	45.133 ug/ml
16) T n-Octacosane (C28)	17.205	6022537	45.351 ug/ml
17) T n-Tricontane (C30)	18.093	5760868	43.623 ug/ml
18) T n-Dotriacontane (C32)	18.925	5653008	42.387 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5395309	40.774 ug/ml
20) T n-Hexatriacontane (C36)	20.449	4465912	34.762 ug/ml
21) T n-Octatriacontane (C38)	21.185	3719784	28.387 ug/ml
22) T n-Tetracontane (C40)	22.102	3252760	23.888 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
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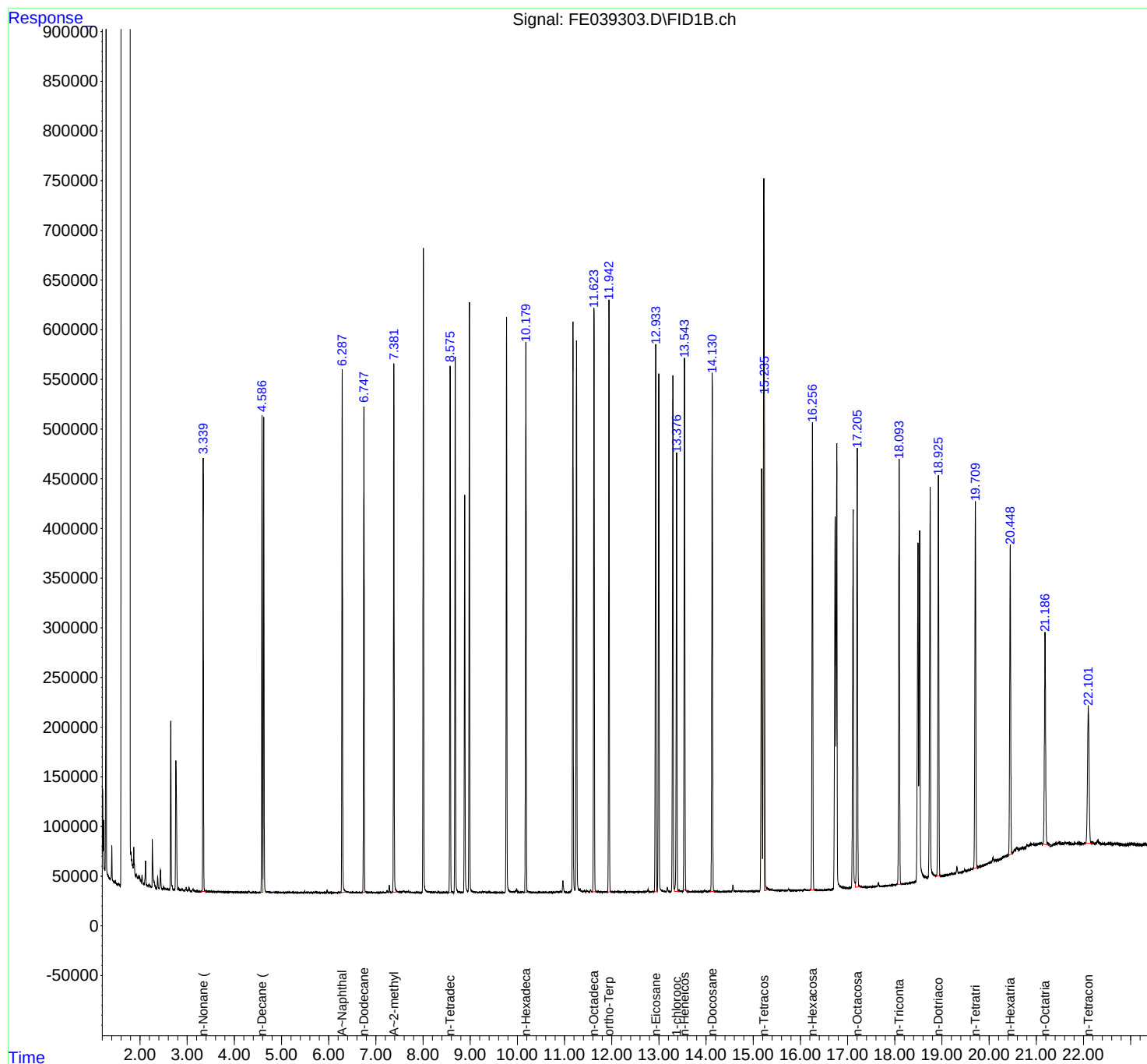
Instrument :
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PB149634BSD

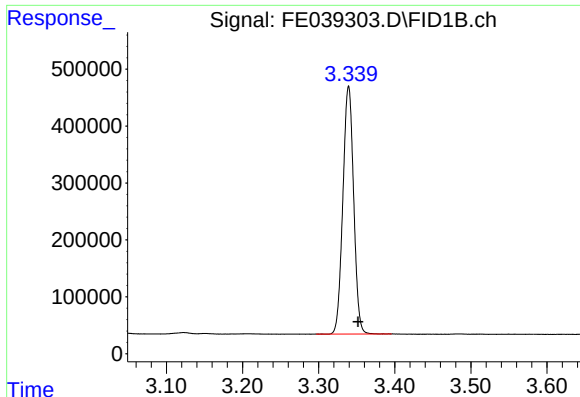
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#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 4285560
Conc: 30.23 ug/ml

Instrument :

FID_E

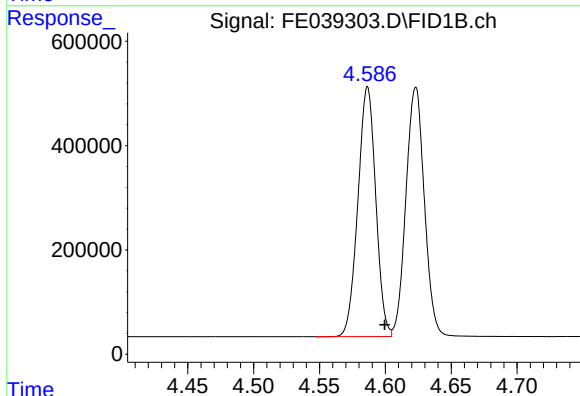
ClientSampleId :

PB149634BSD

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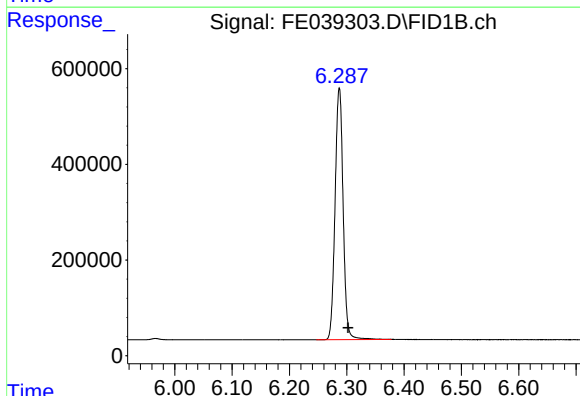
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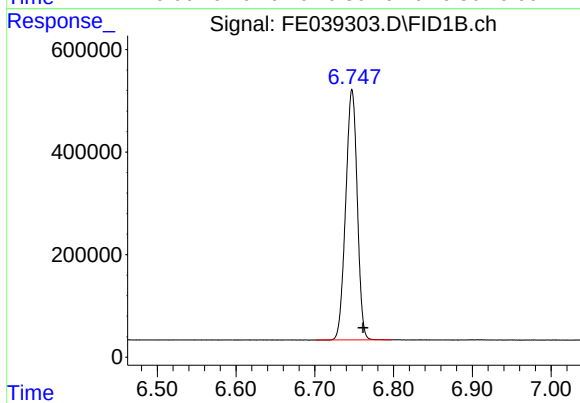
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 4517059
Conc: 32.41 ug/ml



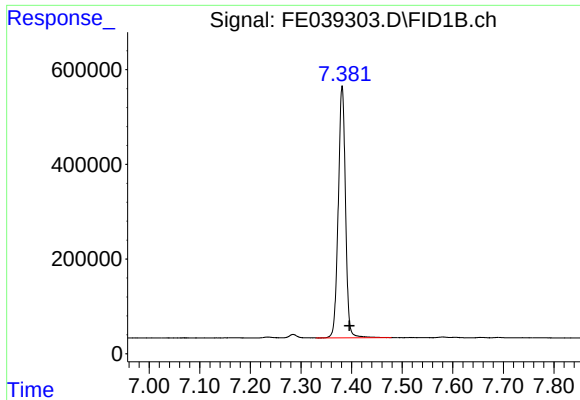
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 5150515
Conc: 32.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 4984765
Conc: 35.36 ug/ml



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

R.T.: 7.381 min
Delta R.T.: -0.014 min
Response: 5286531
Conc: 35.32 ug/ml

Instrument :

FID_E

ClientSampleId :

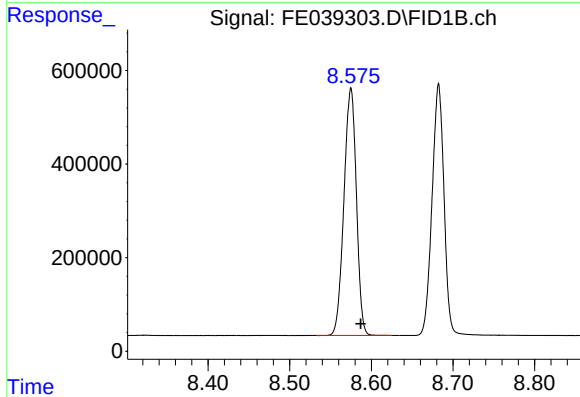
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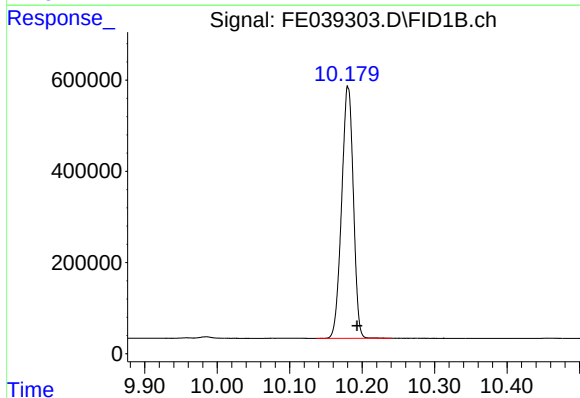
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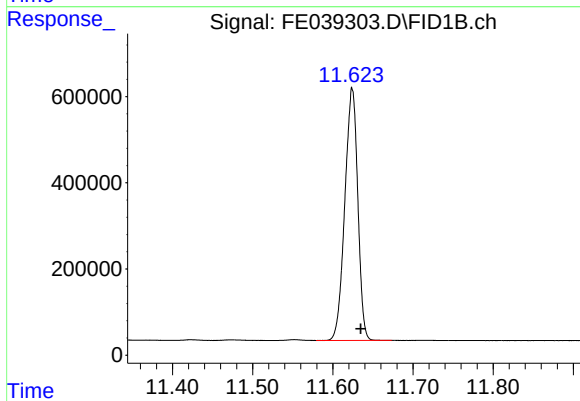
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.012 min
Response: 5608479
Conc: 39.27 ug/ml



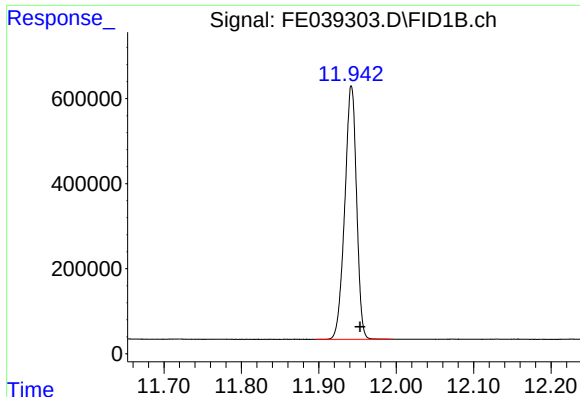
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 6206683
Conc: 42.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 6573087
Conc: 44.67 ug/ml



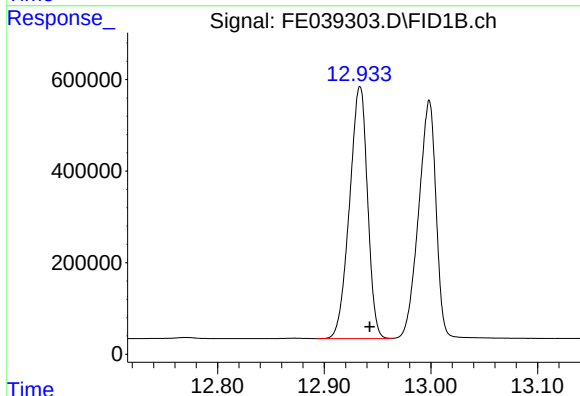
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.011 min
Response: 6320240
Conc: 40.40 ug/ml

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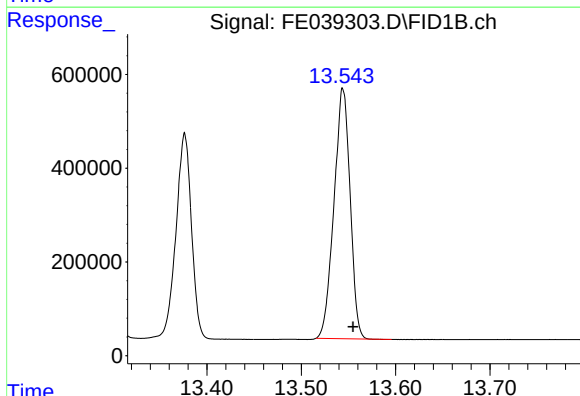
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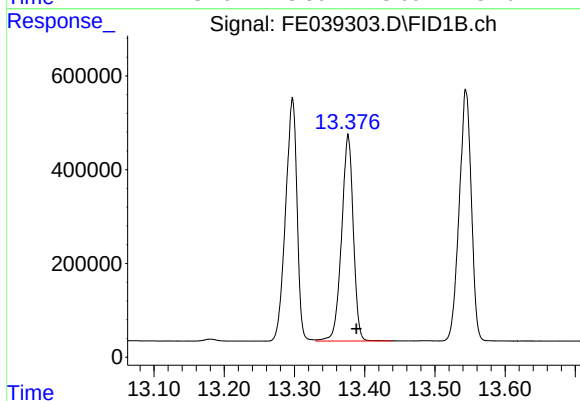
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.009 min
Response: 6462722
Conc: 45.52 ug/ml



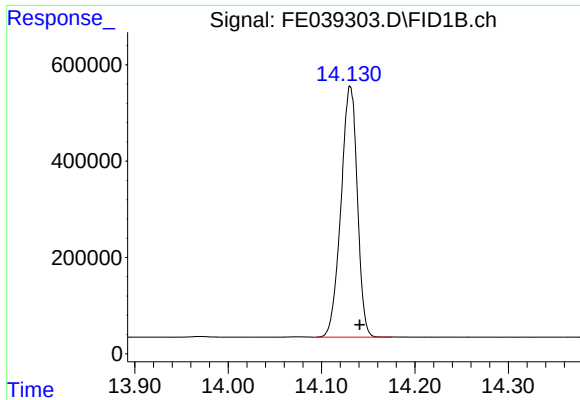
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.011 min
Response: 6347153
Conc: 44.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.012 min
Response: 5085051
Conc: 42.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.010 min
Response: 6344703
Conc: 45.39 ug/ml

Instrument :

FID_E

ClientSampleId :

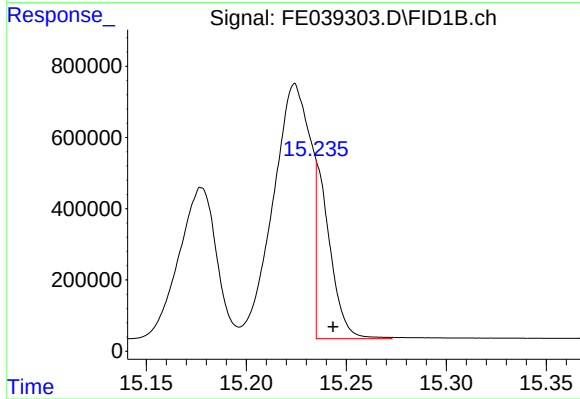
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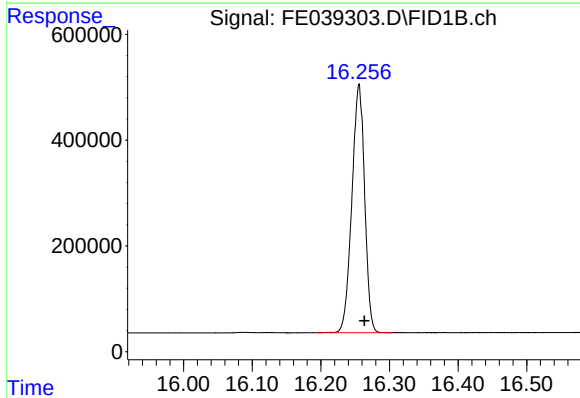
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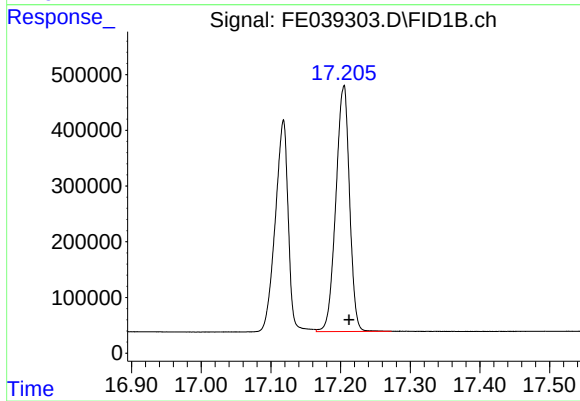
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.009 min
Response: 2287048
Conc: 16.56 ug/ml m



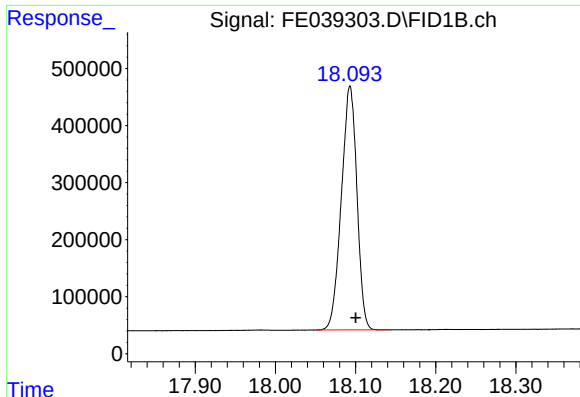
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.008 min
Response: 6062028
Conc: 45.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 6022537
Conc: 45.35 ug/ml



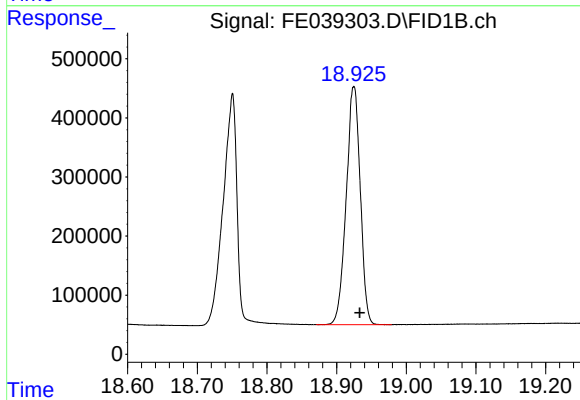
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 5760868
Conc: 43.62 ug/ml

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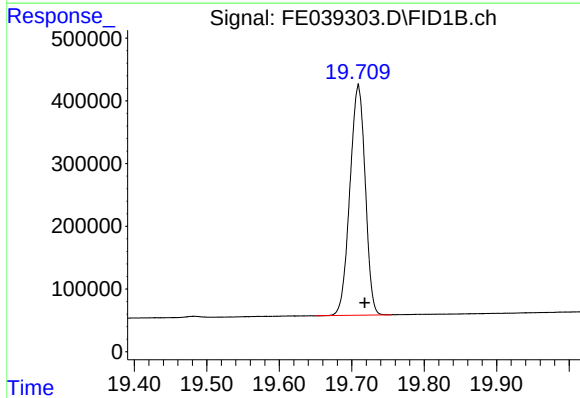
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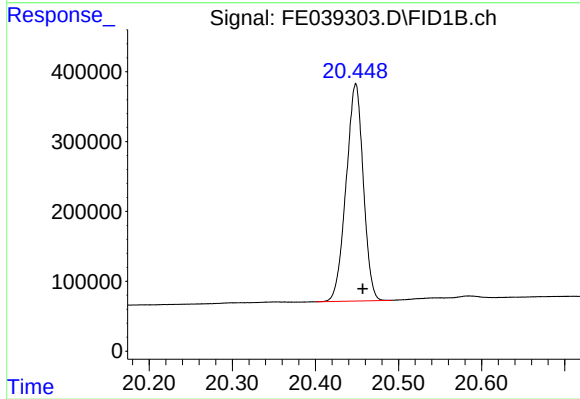
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 5653008
Conc: 42.39 ug/ml



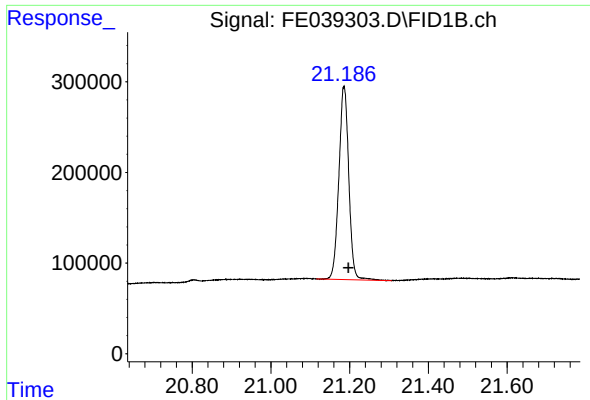
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 5395309
Conc: 40.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.008 min
Response: 4465912
Conc: 34.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.012 min
Response: 3719784
Conc: 28.39 ug/ml

Instrument :

FID_E

ClientSampleId :

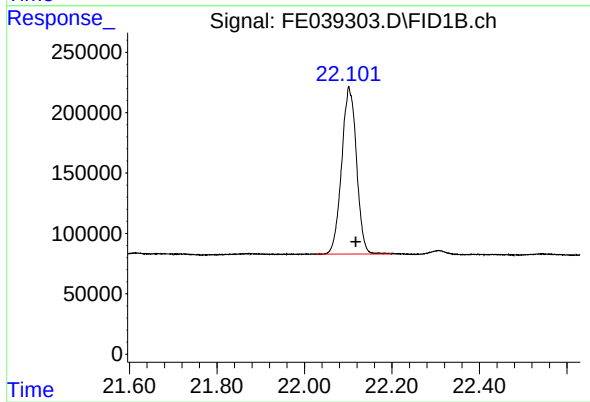
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.016 min
Response: 3252760
Conc: 23.89 ug/ml