

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039088.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 15:41
 Operator : YP\AJ
 Sample : PB149395BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149395BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 03 03:38:41 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)	11.949	7206466	46.066 ug/ml
Spiked Amount 50.000		Recovery =	92.13%
12) S 1-chlorooctadecane (S...	13.383	5426221	44.941 ug/ml
Spiked Amount 50.000		Recovery =	89.88%
Target Compounds			
1) T n-Nonane (C9)	3.348	6265115	44.199 ug/ml
2) T n-Decane (C10)	4.595	6966699	49.984 ug/ml
3) T A~Naphthalene (C11.7)	6.295	5693555	35.797 ug/ml
4) T n-Dodecane (C12)	6.756	8005158	56.791 ug/ml
5) T A~2-methylnaphthalene...	7.390	5805382	38.789 ug/ml
6) T n-Tetradecane (C14)	8.583	8249527	57.761 ug/ml
7) T n-Hexadecane (C16)	10.189	8800790	60.192 ug/ml
8) T n-Octadecane (C18)	11.632	9230443	62.729 ug/ml
10) T n-Eicosane (C20)	12.941	9041754	63.691 ug/ml
11) T n-Heneicosane (C21)	13.552	8987087	63.245 ug/ml
13) T n-Docosane (C22)	14.138	9031199	64.606 ug/ml
14) T n-Tetracosane (C24)	15.240	7107331	51.463 ug/ml
15) T n-Hexacosane (C26)	16.263	8850235	65.892 ug/ml
16) T n-Octacosane (C28)	17.211	8757281	65.944 ug/ml
17) T n-Tricontane (C30)	18.099	8528692	64.581 ug/ml
18) T n-Dotriacontane (C32)	18.931	8559397	64.180 ug/ml
19) T n-Tetratriacontane (C34)	19.715	8267816	62.482 ug/mlm
20) T n-Hexatriacontane (C36)	20.453	7458052	58.052 ug/mlm
21) T n-Octatriacontane (C38)	21.191	6705027	51.169 ug/ml
22) T n-Tetracontane (C40)	22.113	5798976	42.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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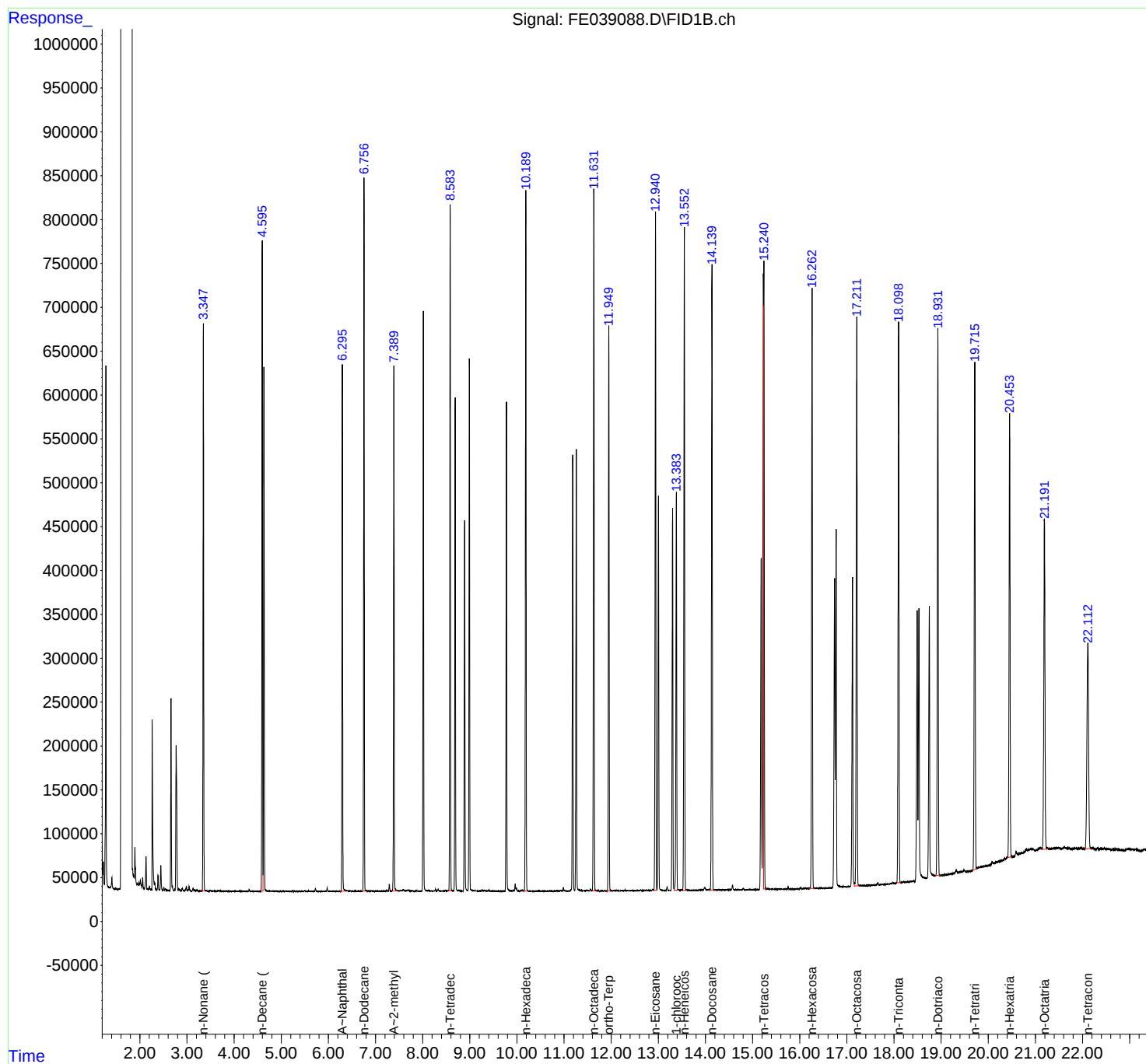
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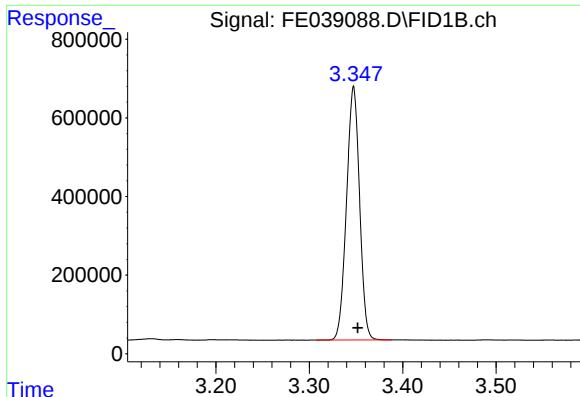
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#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 6265115
Conc: 44.20 ug/ml

Instrument :

FID_E

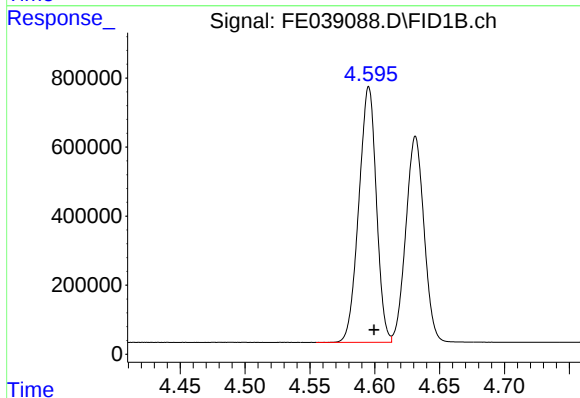
ClientSampleId :

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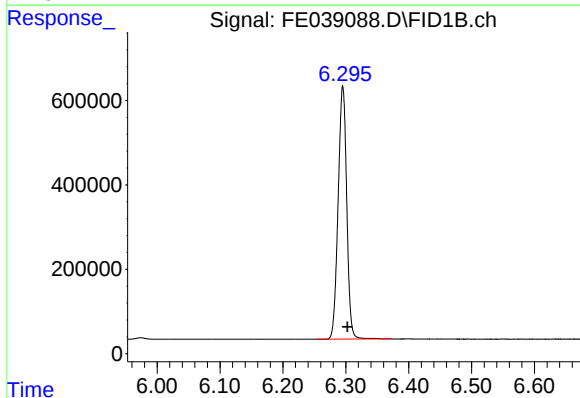
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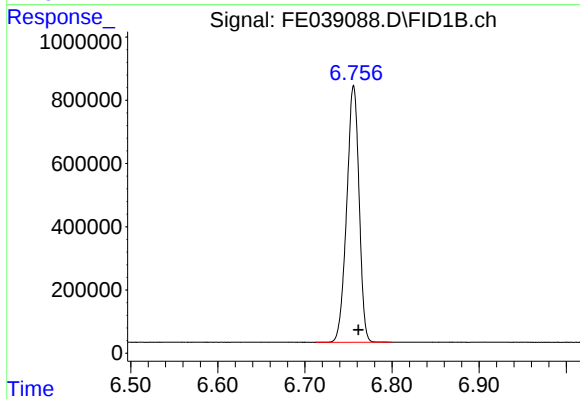
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 6966699
Conc: 49.98 ug/ml



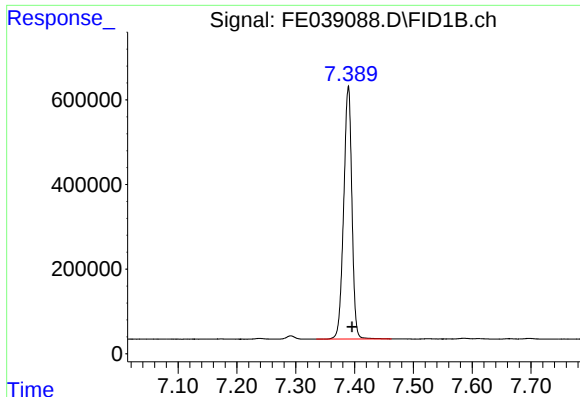
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 5693555
Conc: 35.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 8005158
Conc: 56.79 ug/ml



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

R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 5805382
Conc: 38.79 ug/ml

Instrument :

FID_E

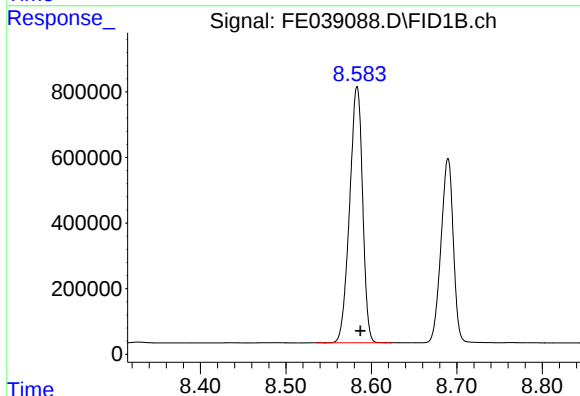
ClientSampleId :

PB149395BS

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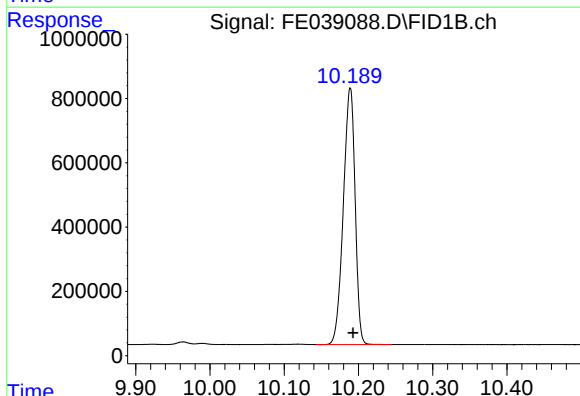
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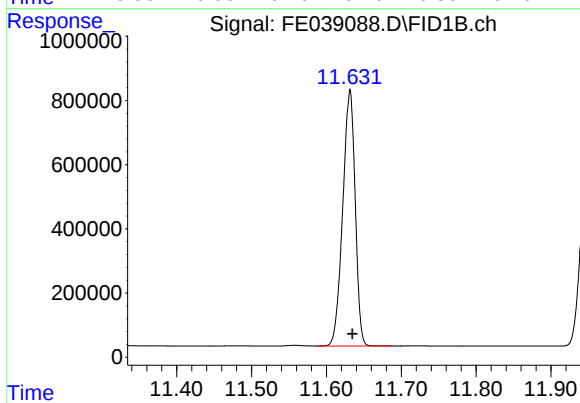
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 8249527
Conc: 57.76 ug/ml



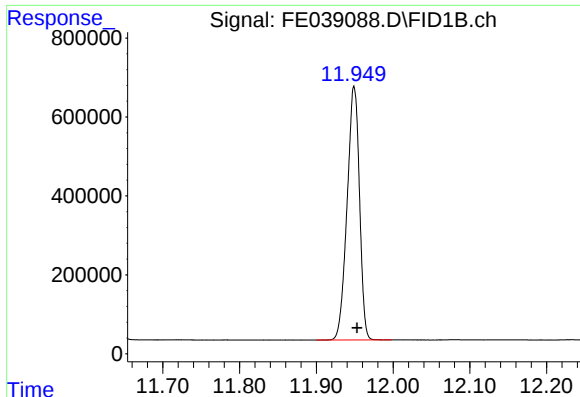
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.004 min
Response: 8800790
Conc: 60.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.003 min
Response: 9230443
Conc: 62.73 ug/ml



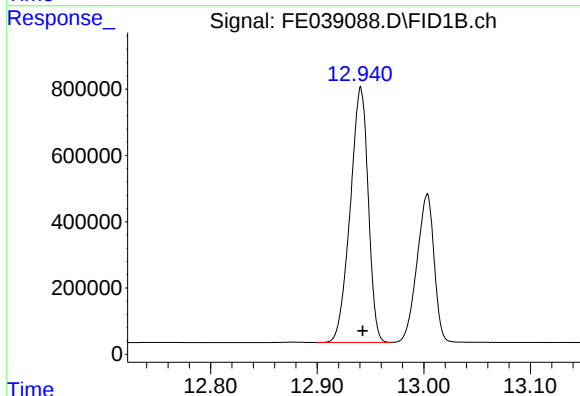
#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.004 min
Response: 7206466
Conc: 46.07 ug/ml

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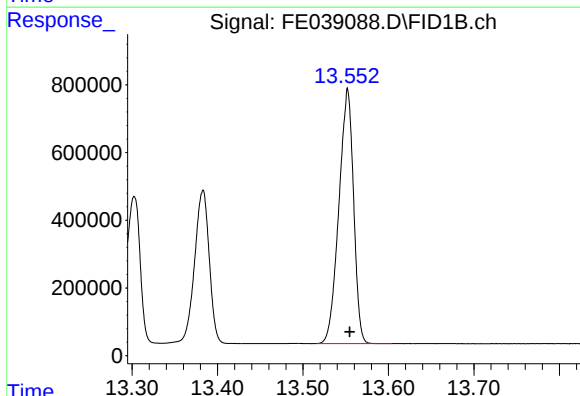
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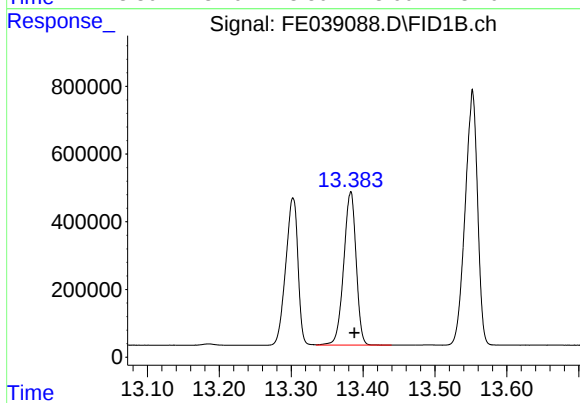
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 9041754
Conc: 63.69 ug/ml



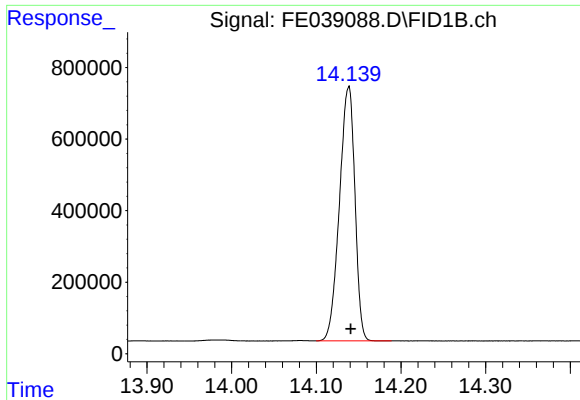
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.003 min
Response: 8987087
Conc: 63.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.005 min
Response: 5426221
Conc: 44.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.003 min
Response: 9031199
Conc: 64.61 ug/ml

Instrument :

FID_E

ClientSampleId :

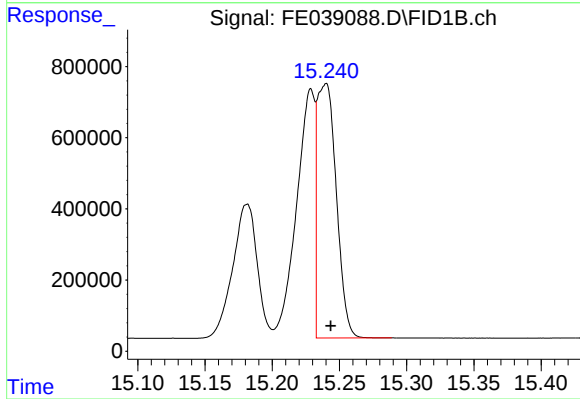
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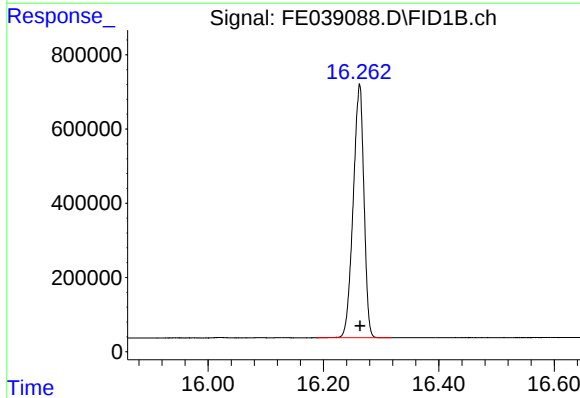
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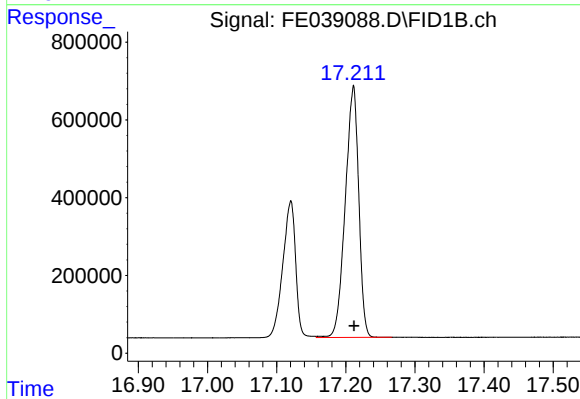
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.004 min
Response: 7107331
Conc: 51.46 ug/ml



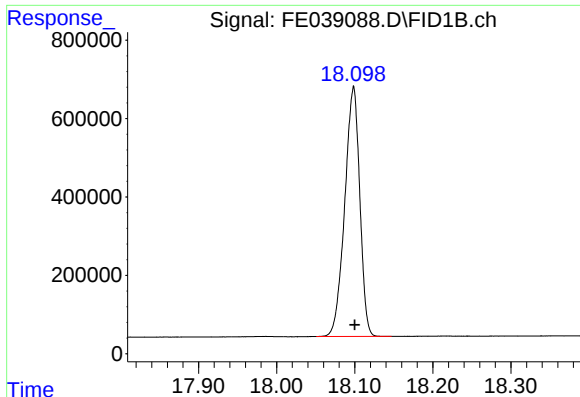
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 8850235
Conc: 65.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 8757281
Conc: 65.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.002 min
Response: 8528692
Conc: 64.58 ug/ml

Instrument :

FID_E

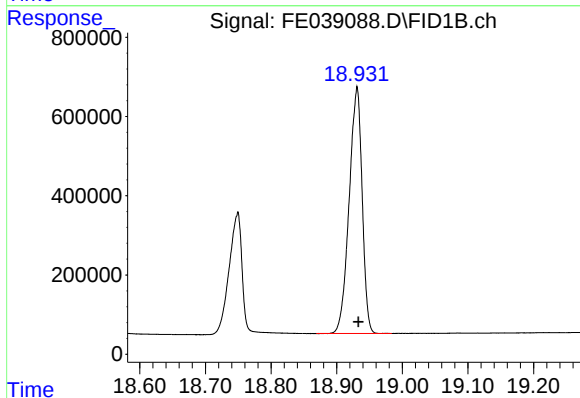
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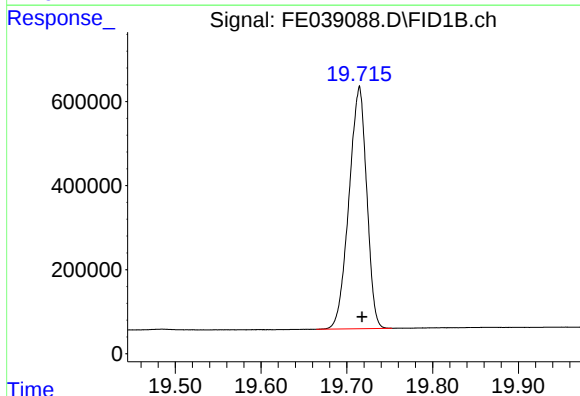
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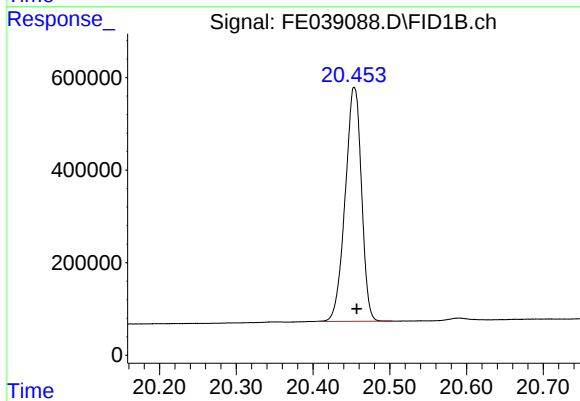
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 8559397
Conc: 64.18 ug/ml



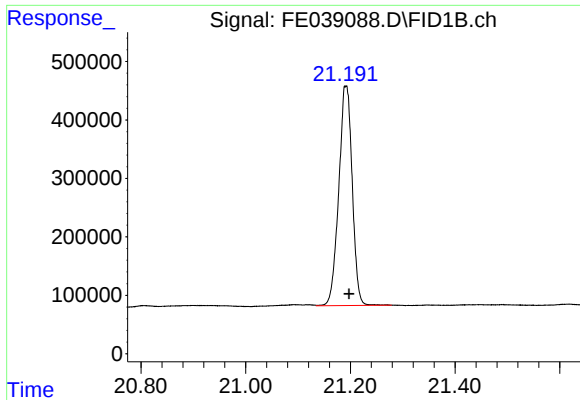
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.003 min
Response: 8267816
Conc: 62.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.003 min
Response: 7458052
Conc: 58.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.006 min
Response: 6705027
Conc: 51.17 ug/ml

Instrument :

FID_E

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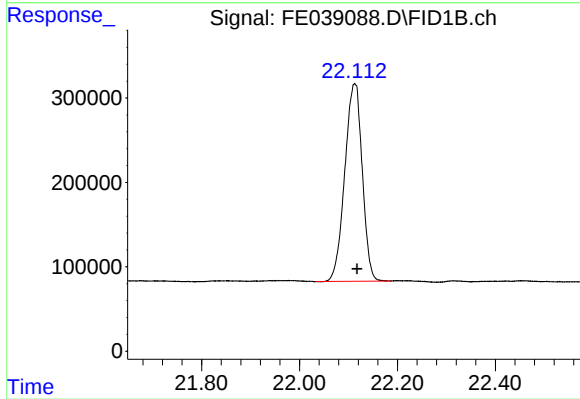
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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.005 min
Response: 5798976
Conc: 42.59 ug/ml