

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039383.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 16:46
 Operator : YP\AJ
 Sample : PB149729BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149729BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2022
 Supervised By :Ankita Jodhani 12/20/2022

Integration File: autoint1.e
 Quant Time: Dec 20 04:47:10 2022
 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)	11.940	7297885	48.903 ug/ml
Spiked Amount 50.000		Recovery =	97.81%
12) S 1-chlorooctadecane (S...	13.374	5860827	50.920 ug/ml
Spiked Amount 50.000		Recovery =	101.84%
Target Compounds			
1) T n-Nonane (C9)	3.336	4873871	37.706 ug/ml
2) T n-Decane (C10)	4.583	5160167	40.497 ug/ml
3) T A~Naphthalene (C11.7)	6.284	5911059	40.891 ug/ml
4) T n-Dodecane (C12)	6.744	5693718	43.857 ug/ml
5) T A~2-methylnaphthalene...	7.379	6076168	44.865 ug/ml
6) T n-Tetradecane (C14)	8.572	6431546	48.536 ug/ml
7) T n-Hexadecane (C16)	10.178	7152904	51.993 ug/ml
8) T n-Octadecane (C18)	11.621	7605829	54.303 ug/ml
10) T n-Eicosane (C20)	12.931	7475715	54.764 ug/ml
11) T n-Heneicosane (C21)	13.542	7423007	54.424 ug/ml
13) T n-Docosane (C22)	14.128	7343647	54.287 ug/ml
14) T n-Tetracosane (C24)	15.226	5150046	38.364 ug/mlm
15) T n-Hexacosane (C26)	16.253	6990817	53.689 ug/ml
16) T n-Octacosane (C28)	17.202	6893937	53.565 ug/ml
17) T n-Tricontane (C30)	18.090	6611542	51.352 ug/ml
18) T n-Dotriacontane (C32)	18.922	6504288	50.226 ug/ml
19) T n-Tetratriacontane (C34)	19.706	6203219	49.169 ug/ml
20) T n-Hexatriacontane (C36)	20.446	5151134	42.600 ug/ml
21) T n-Octatriacontane (C38)	21.184	4290563	34.742 ug/ml
22) T n-Tetracontane (C40)	22.098	3887539	30.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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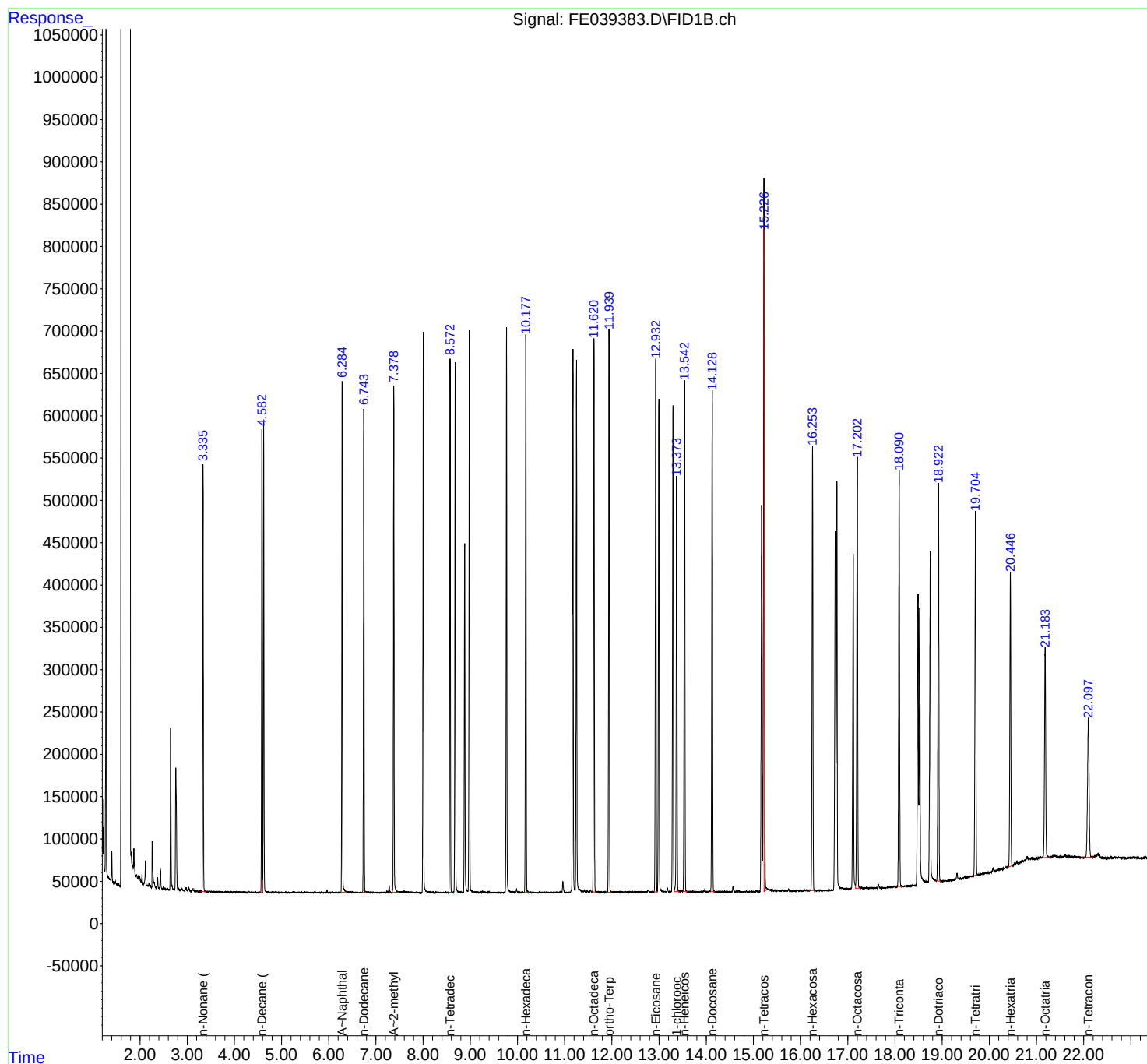
Instrument :
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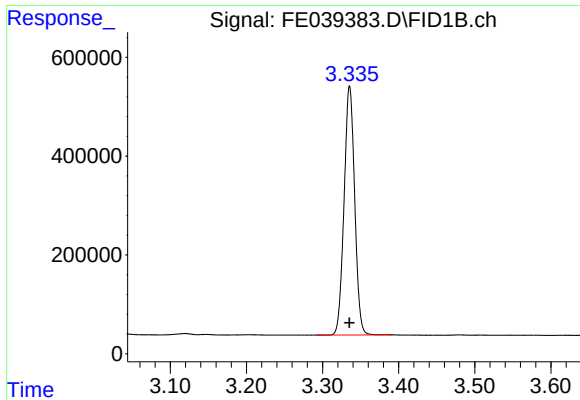
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#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.000 min
Response: 4873871
Conc: 37.71 ug/ml

Instrument :

FID_E

ClientSampleId :

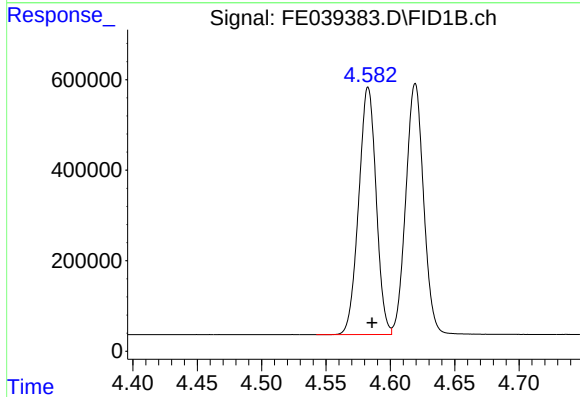
PB149729BS

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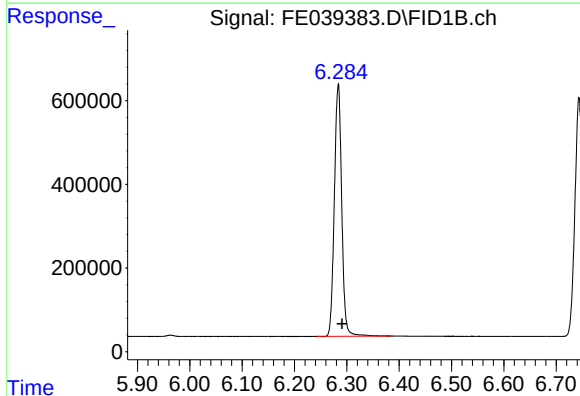
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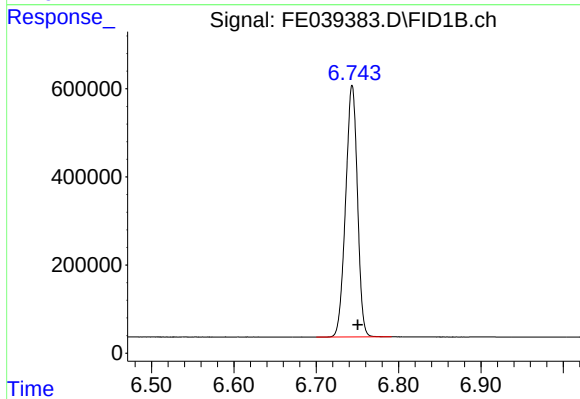
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 5160167
Conc: 40.50 ug/ml



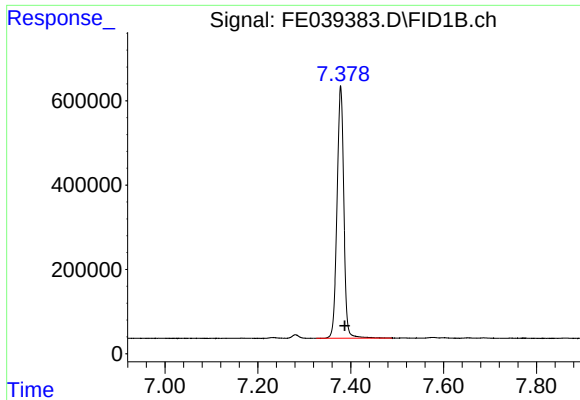
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.007 min
Response: 5911059
Conc: 40.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 5693718
Conc: 43.86 ug/ml



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

R.T.: 7.379 min
Delta R.T.: -0.009 min
Response: 6076168
Conc: 44.87 ug/ml

Instrument :

FID_E

ClientSampleId :

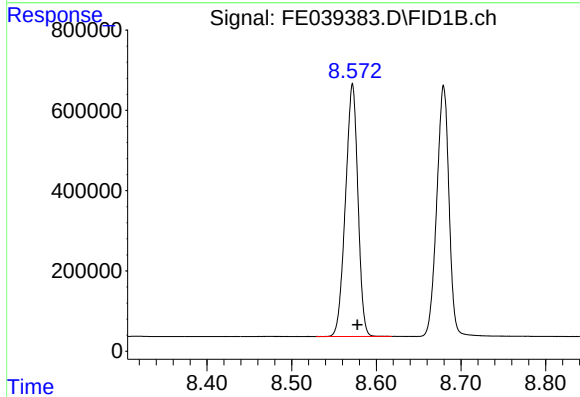
PB149729BS

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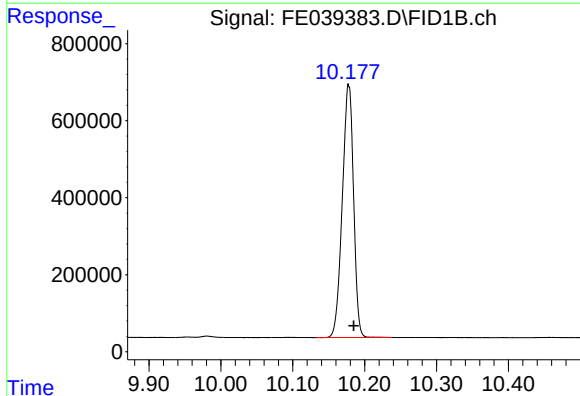
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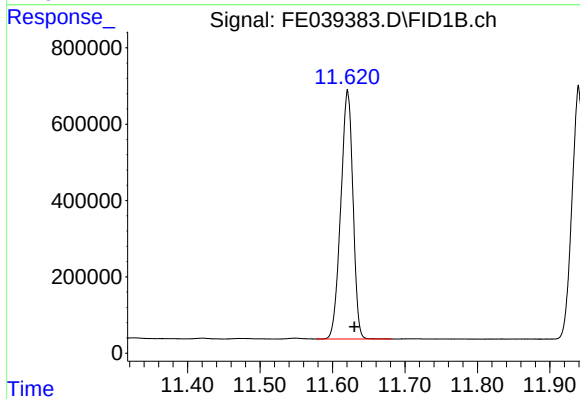
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 6431546
Conc: 48.54 ug/ml



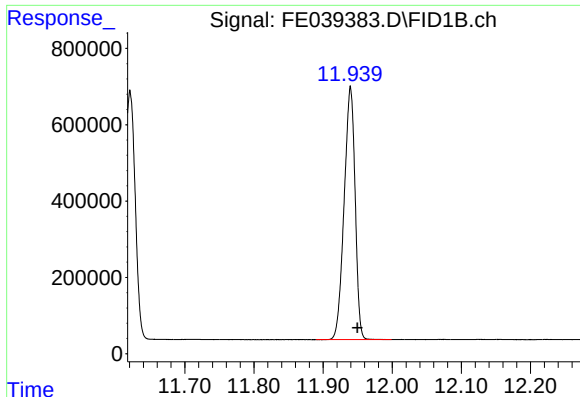
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.007 min
Response: 7152904
Conc: 51.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.009 min
Response: 7605829
Conc: 54.30 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.010 min
Response: 7297885
Conc: 48.90 ug/ml

Instrument :

FID_E

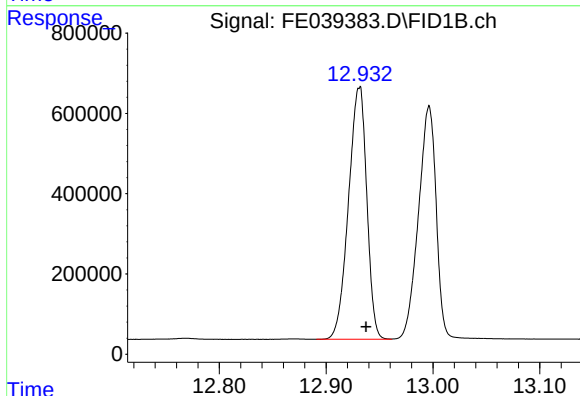
ClientSampleId :

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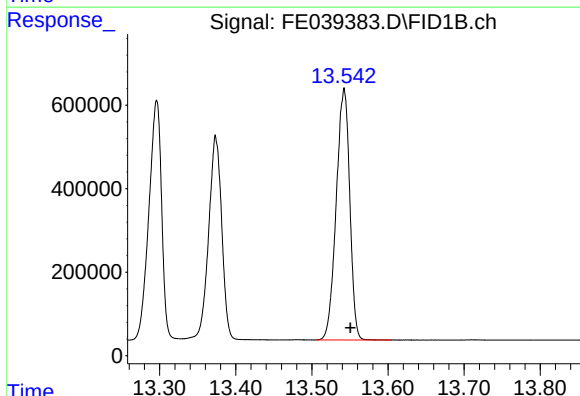
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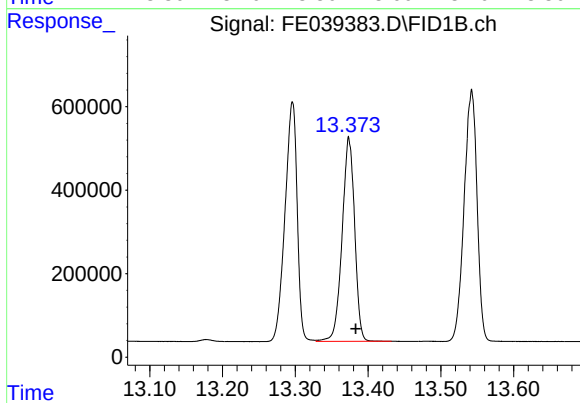
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.006 min
Response: 7475715
Conc: 54.76 ug/ml



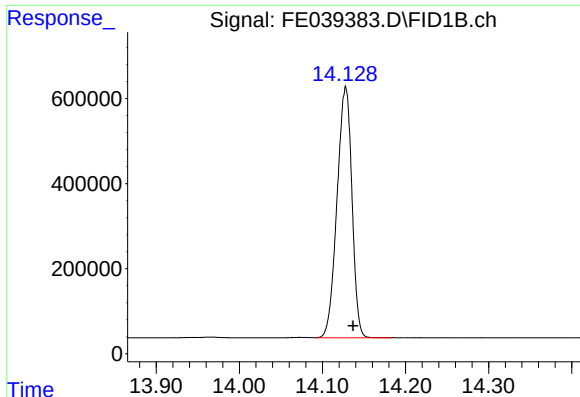
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.008 min
Response: 7423007
Conc: 54.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.009 min
Response: 5860827
Conc: 50.92 ug/ml



#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.009 min
Response: 7343647
Conc: 54.29 ug/ml

Instrument :

FID_E

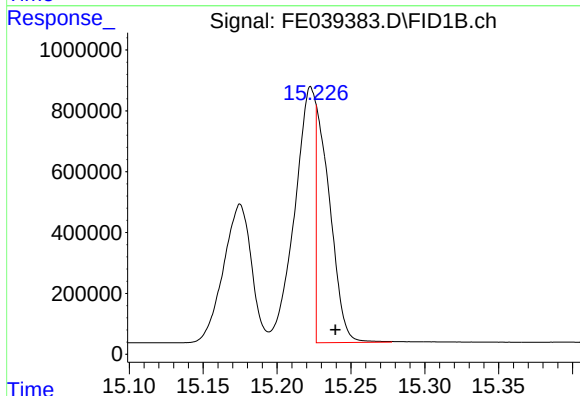
ClientSampleId :

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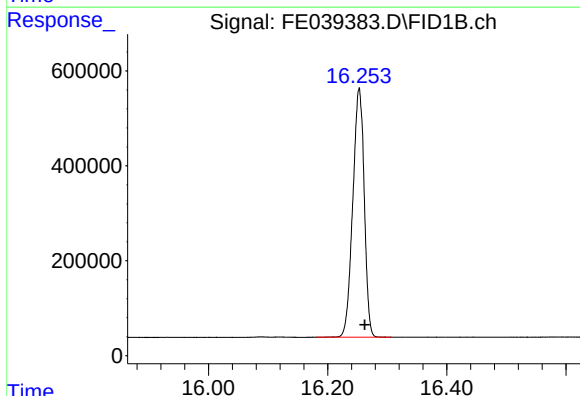
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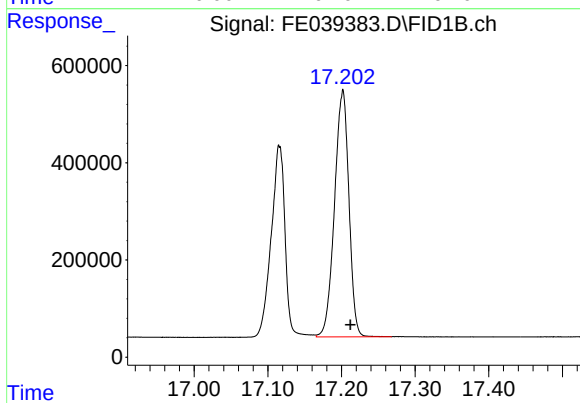
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.013 min
Response: 5150046
Conc: 38.36 ug/ml m



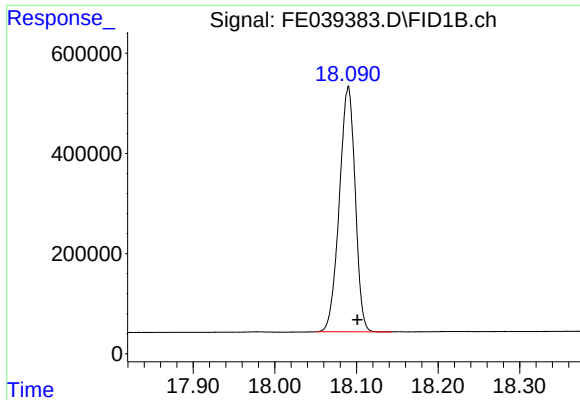
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 6990817
Conc: 53.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.010 min
Response: 6893937
Conc: 53.57 ug/ml



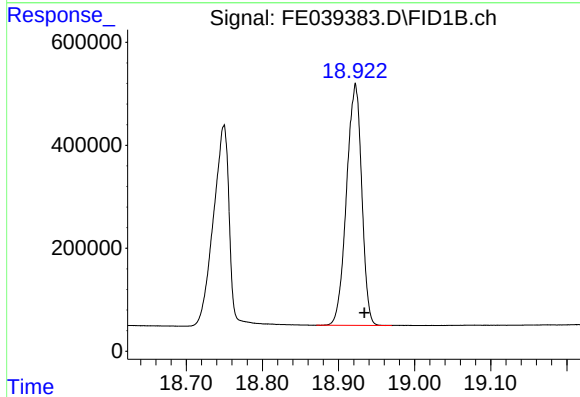
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.011 min
Response: 6611542
Conc: 51.35 ug/ml

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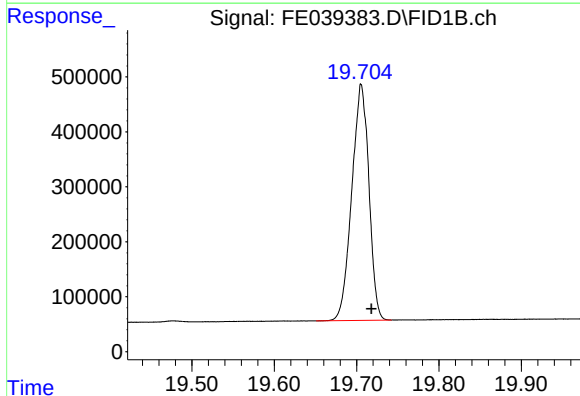
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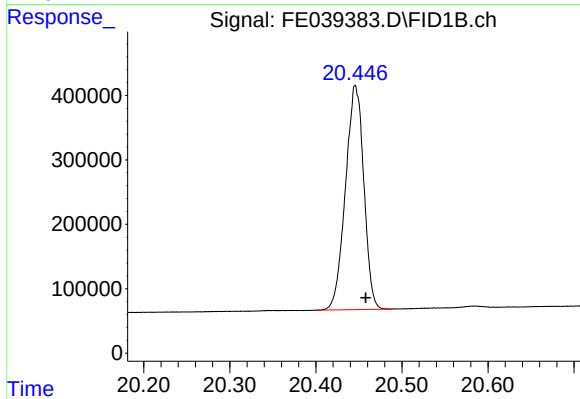
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 6504288
Conc: 50.23 ug/ml



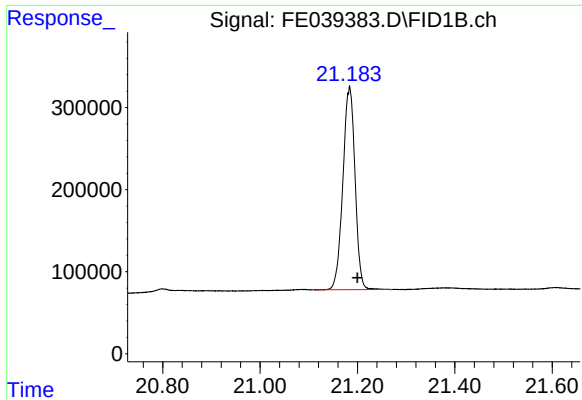
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.012 min
Response: 6203219
Conc: 49.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.012 min
Response: 5151134
Conc: 42.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.016 min
Response: 4290563
Conc: 34.74 ug/ml

Instrument :

FID_E

ClientSampleId :

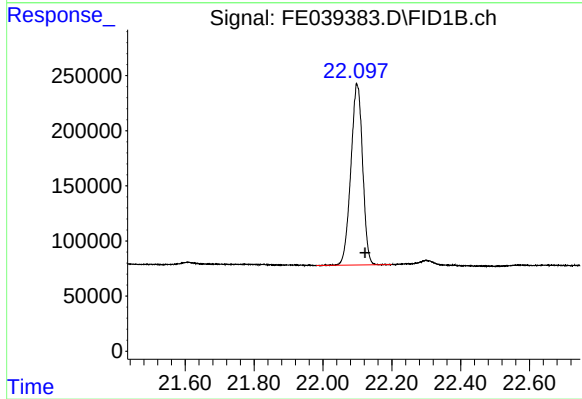
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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.024 min
Response: 3887539
Conc: 30.96 ug/ml