

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039653.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 16:25
 Operator : YP\AJ
 Sample : PB150051BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150051BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2023
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e
 Quant Time: Jan 06 02:53:33 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)	11.926	5786454	38.775 ug/ml
Spiked Amount 50.000		Recovery =	77.55%
12) S 1-chlorooctadecane (S...	13.362	4647682	40.380 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
Target Compounds			
1) T n-Nonane (C9)	3.322	5953799	46.061 ug/ml
2) T n-Decane (C10)	4.572	6278688	49.275 ug/ml
3) T A~Naphthalene (C11.7)	6.272	4437265	30.695 ug/ml
4) T n-Dodecane (C12)	6.734	6785078	52.263 ug/ml
5) T A~2-methylnaphthalene...	7.365	4548559	33.586 ug/ml
6) T n-Tetradecane (C14)	8.561	6971730	52.612 ug/ml
7) T n-Hexadecane (C16)	10.166	7468563	54.288 ug/ml
8) T n-Octadecane (C18)	11.609	7899440	56.400 ug/ml
10) T n-Eicosane (C20)	12.920	7810177	57.215 ug/ml
11) T n-Heneicosane (C21)	13.530	7789583	57.112 ug/mlm
13) T n-Docosane (C22)	14.117	7851389	58.040 ug/ml
14) T n-Tetracosane (C24)	15.218	7466088	55.617 ug/mlm
15) T n-Hexacosane (C26)	16.242	7739906	59.442 ug/ml
16) T n-Octacosane (C28)	17.190	7618350	59.194 ug/ml
17) T n-Tricontane (C30)	18.079	7346545	57.061 ug/mlm
18) T n-Dotriacontane (C32)	18.911	7118662	54.970 ug/ml
19) T n-Tetratriacontane (C34)	19.695	6269548	49.694 ug/ml
20) T n-Hexatriacontane (C36)	20.432	4879103	40.351 ug/mlm
21) T n-Octatriacontane (C38)	21.168	3906477	31.632 ug/ml
22) T n-Tetracontane (C40)	22.076	3318547	26.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB150051BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

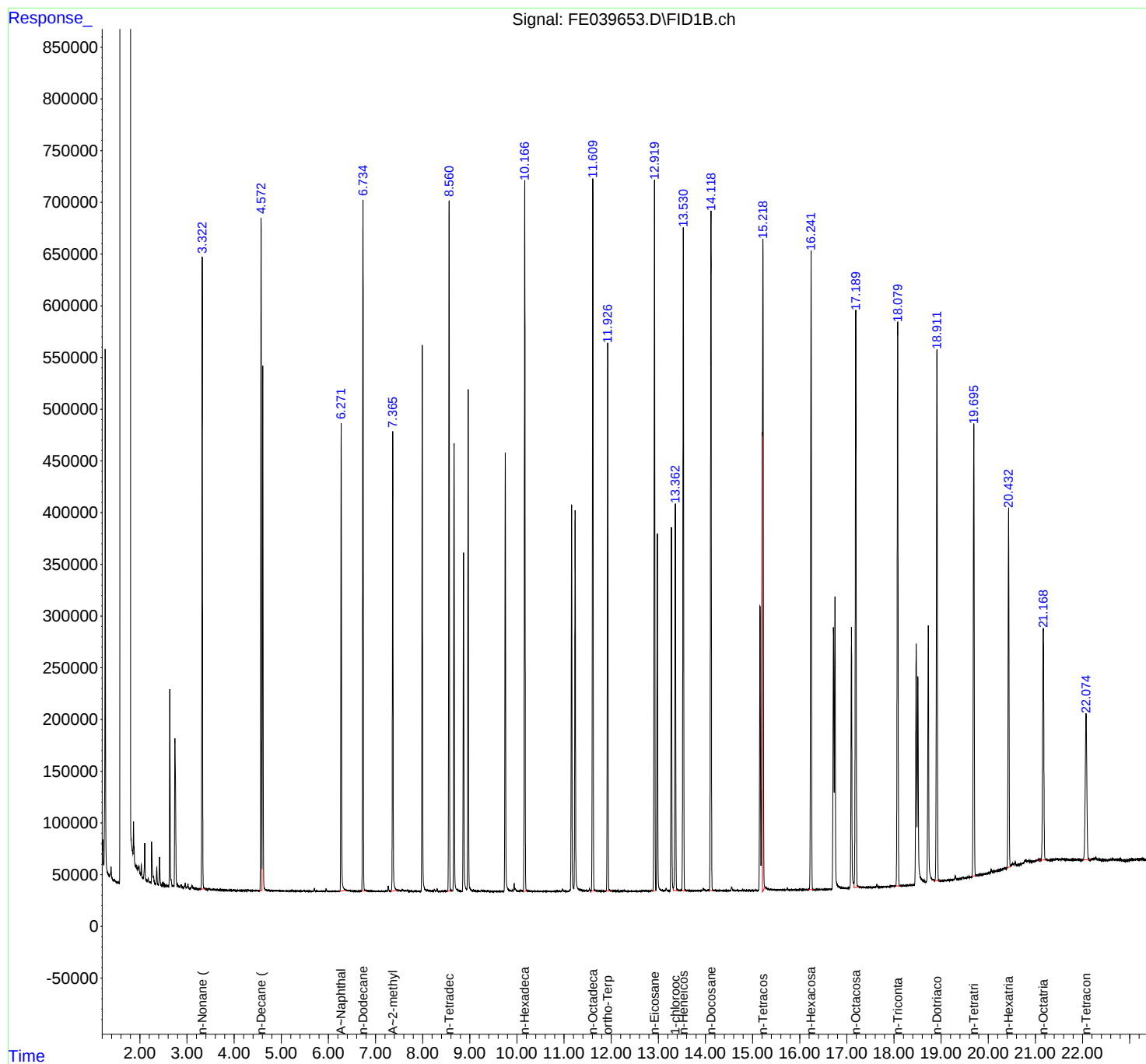
Instrument :
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PB150051BSD

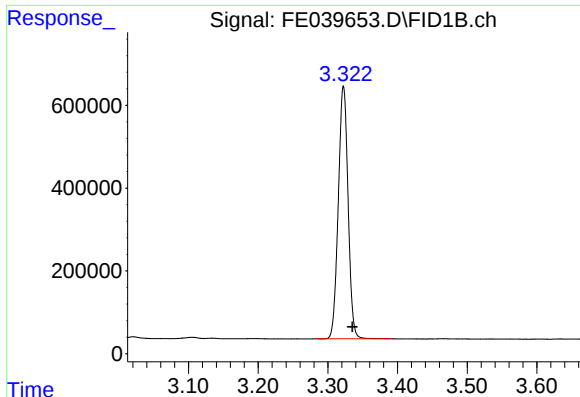
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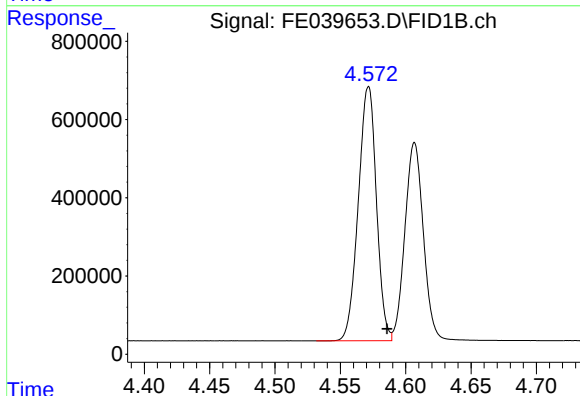
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.013 min
Response: 5953799
Conc: 46.06 ug/ml

Instrument :
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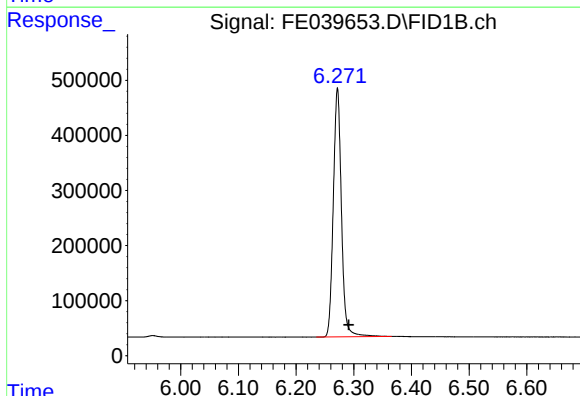
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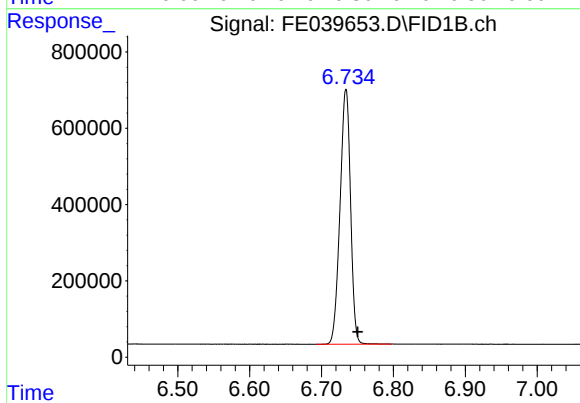
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.014 min
Response: 6278688
Conc: 49.28 ug/ml



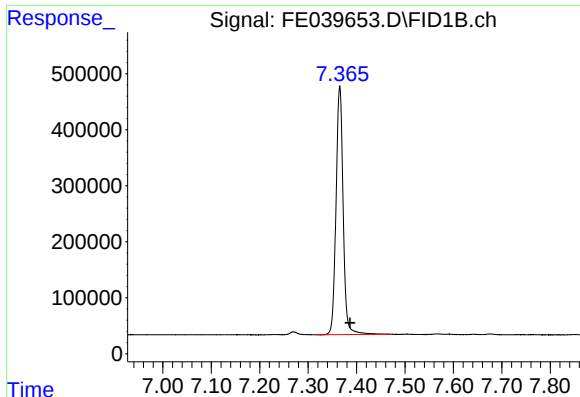
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.019 min
Response: 4437265
Conc: 30.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.016 min
Response: 6785078
Conc: 52.26 ug/ml



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

R.T.: 7.365 min
Delta R.T.: -0.022 min
Response: 4548559
Conc: 33.59 ug/ml

Instrument :

FID_E

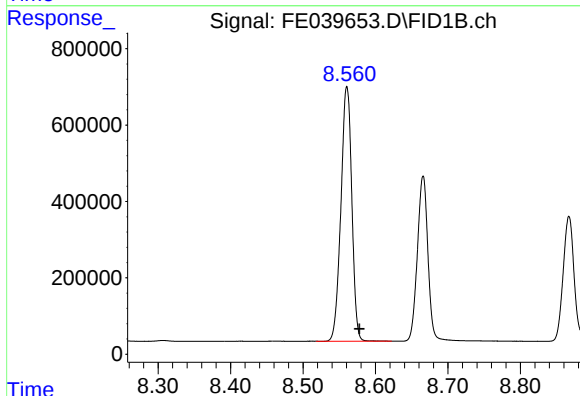
ClientSampleId :

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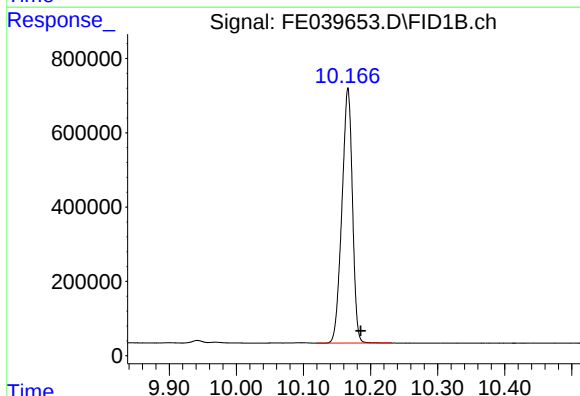
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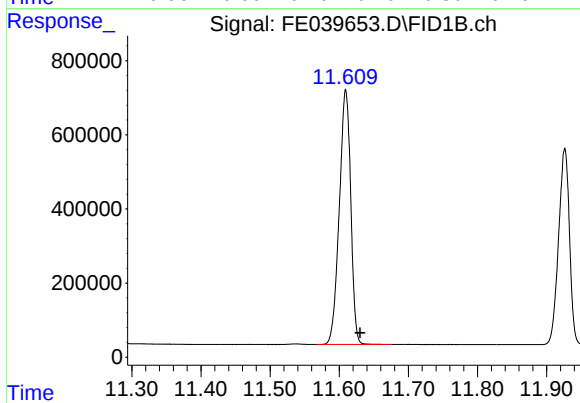
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.017 min
Response: 6971730
Conc: 52.61 ug/ml



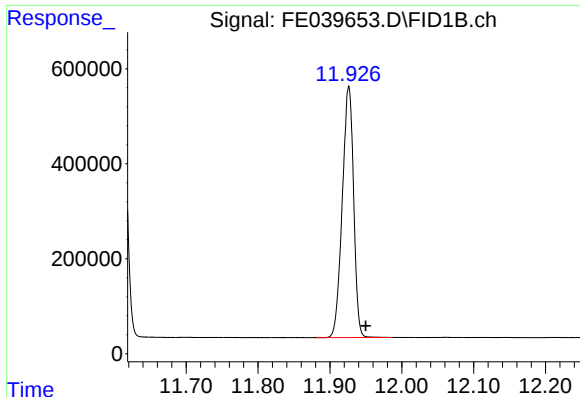
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 7468563
Conc: 54.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.021 min
Response: 7899440
Conc: 56.40 ug/ml



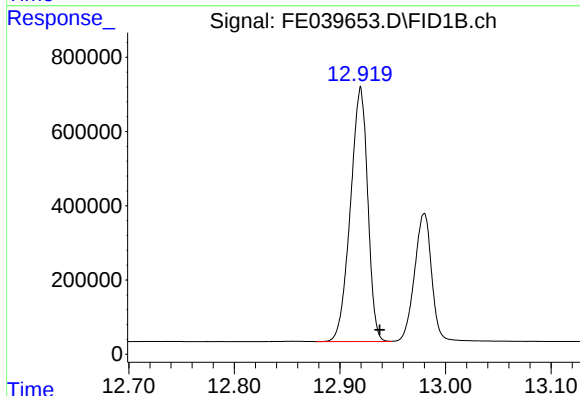
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: -0.023 min
Response: 5786454
Conc: 38.77 ug/ml

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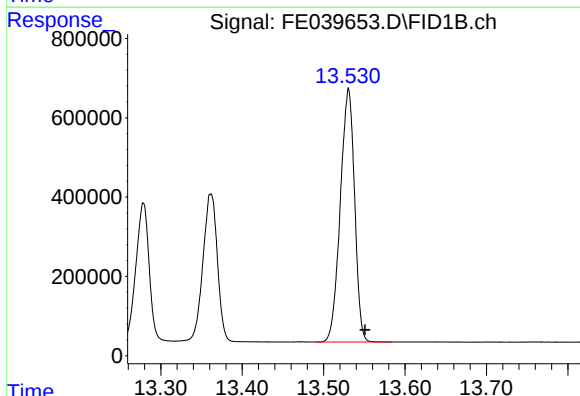
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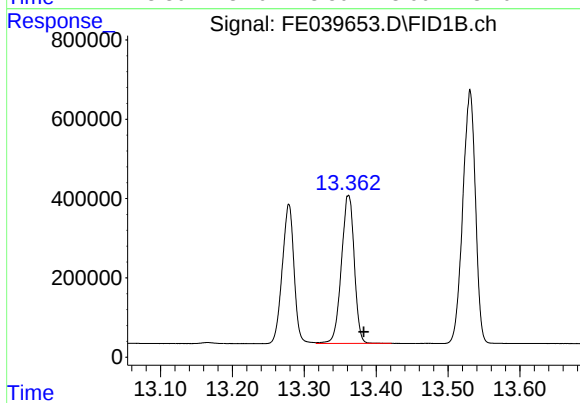
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.018 min
Response: 7810177
Conc: 57.21 ug/ml



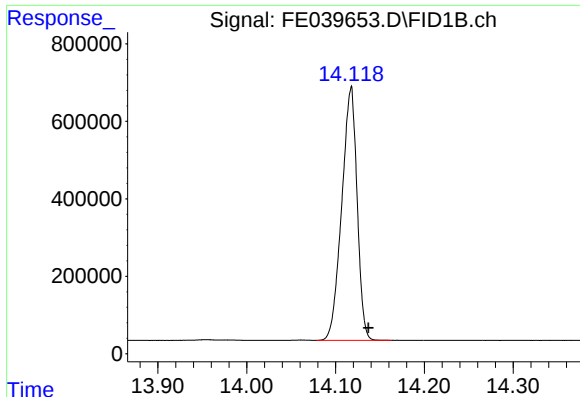
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 7789583
Conc: 57.11 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 4647682
Conc: 40.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 7851389
Conc: 58.04 ug/ml

Instrument :

FID_E

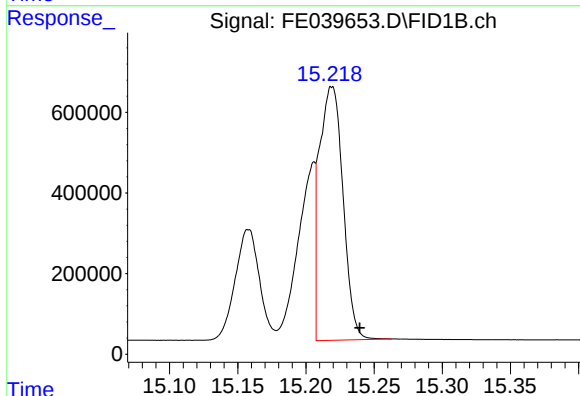
ClientSampleId :

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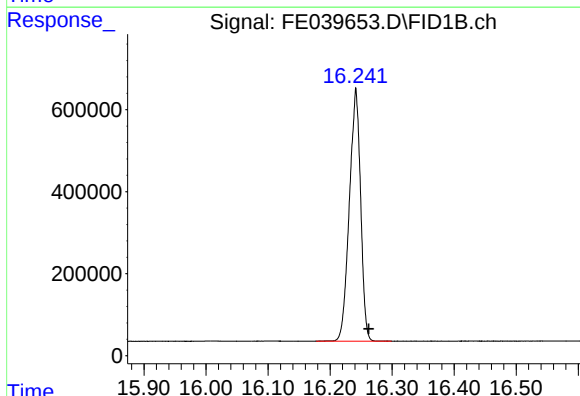
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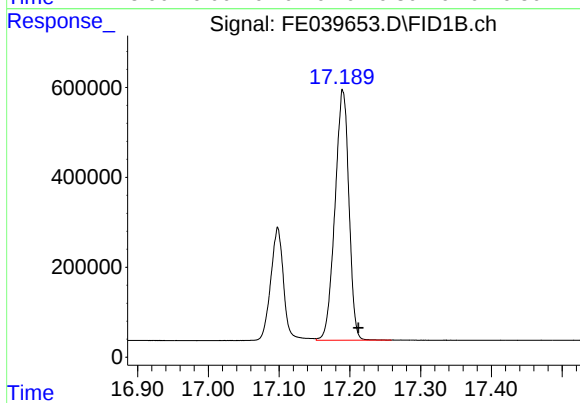
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.022 min
Response: 7466088
Conc: 55.62 ug/ml m



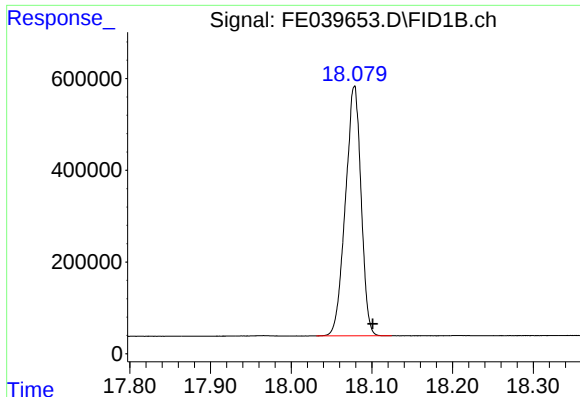
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.020 min
Response: 7739906
Conc: 59.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.022 min
Response: 7618350
Conc: 59.19 ug/ml



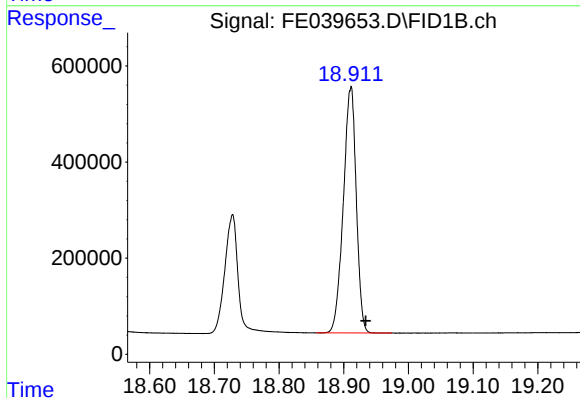
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.022 min
Response: 7346545
Conc: 57.06 ug/ml

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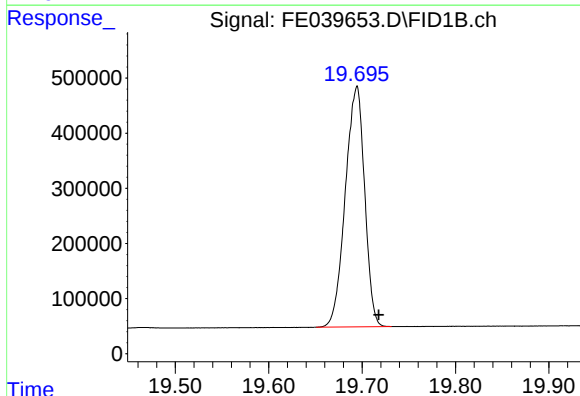
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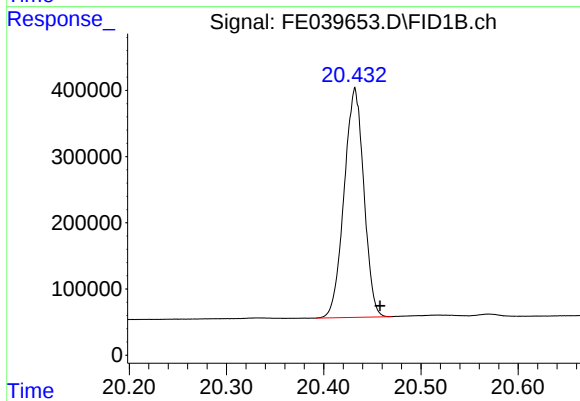
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.023 min
Response: 7118662
Conc: 54.97 ug/ml



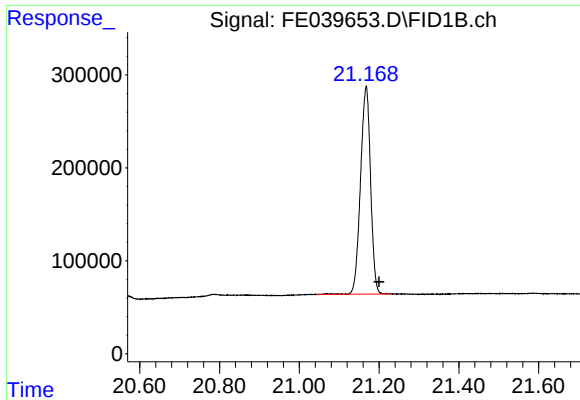
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.023 min
Response: 6269548
Conc: 49.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: -0.026 min
Response: 4879103
Conc: 40.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.032 min
Response: 3906477
Conc: 31.63 ug/ml

Instrument :

FID_E

ClientSampleId :

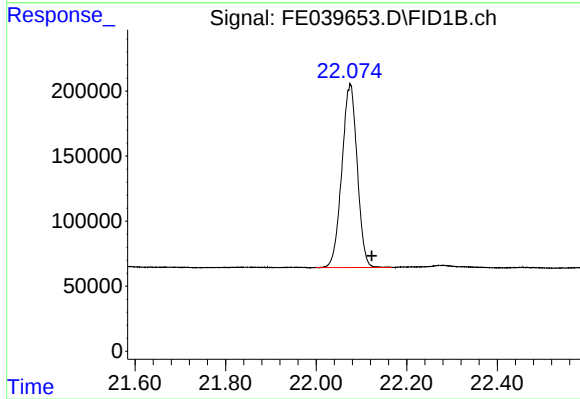
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#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.047 min
Response: 3318547
Conc: 26.42 ug/ml