

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039630.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 16:01
 Operator : YP\AJ
 Sample : PB150033BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150033BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2023
 Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
 Quant Time: Jan 05 02:34:53 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)	11.928	6239544	41.811 ug/ml
Spiked Amount 50.000		Recovery =	83.62%
12) S 1-chlorooctadecane (S...	13.364	4985456	43.315 ug/ml
Spiked Amount 50.000		Recovery =	86.63%
Target Compounds			
1) T n-Nonane (C9)	3.323	3780765	29.250 ug/ml
2) T n-Decane (C10)	4.571	3965677	31.123 ug/ml
3) T A~Naphthalene (C11.7)	6.273	5187201	35.883 ug/ml
4) T n-Dodecane (C12)	6.733	4393962	33.845 ug/ml
5) T A~2-methylnaphthalene...	7.368	5114831	37.767 ug/ml
6) T n-Tetradecane (C14)	8.560	4577209	34.542 ug/ml
7) T n-Hexadecane (C16)	10.166	4821390	35.046 ug/ml
8) T n-Octadecane (C18)	11.610	5014800	35.804 ug/ml
10) T n-Eicosane (C20)	12.918	4889002	35.815 ug/ml
11) T n-Heneicosane (C21)	13.529	4826198	35.385 ug/mlm
13) T n-Docosane (C22)	14.117	4830544	35.709 ug/ml
14) T n-Tetracosane (C24)	15.214	3560553	26.524 ug/mlm
15) T n-Hexacosane (C26)	16.241	4636940	35.611 ug/ml
16) T n-Octacosane (C28)	17.189	4599638	35.739 ug/ml
17) T n-Tricontane (C30)	18.077	4348029	33.771 ug/mlm
18) T n-Dotriacontane (C32)	18.910	4245221	32.781 ug/ml
19) T n-Tetratriacontane (C34)	19.695	3914566	31.028 ug/ml
20) T n-Hexatriacontane (C36)	20.433	3194891	26.422 ug/mlm
21) T n-Octatriacontane (C38)	21.170	2585639	20.937 ug/ml
22) T n-Tetracontane (C40)	22.079	2132143	16.978 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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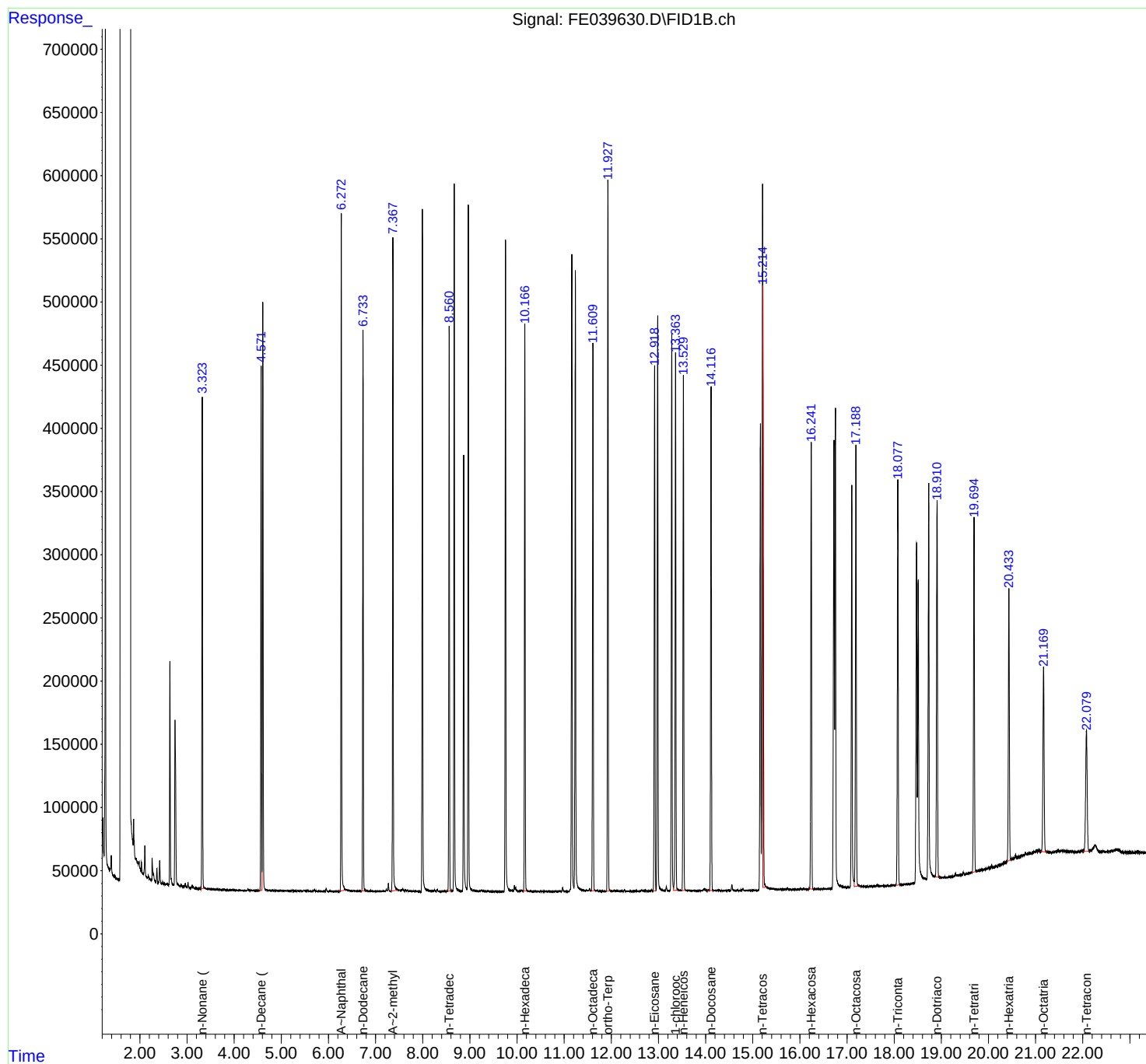
Instrument :
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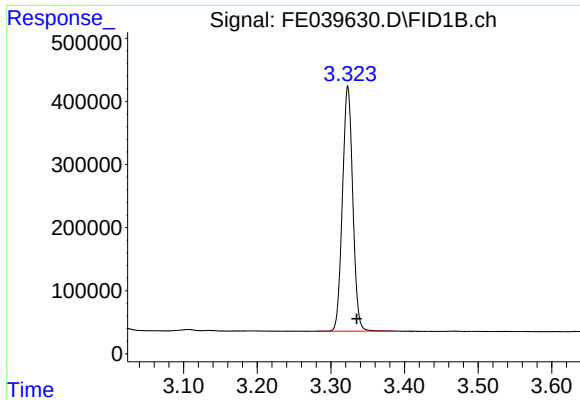
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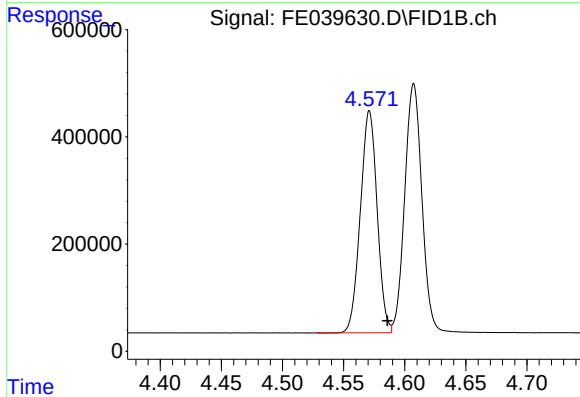
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 3780765
Conc: 29.25 ug/ml

Instrument :
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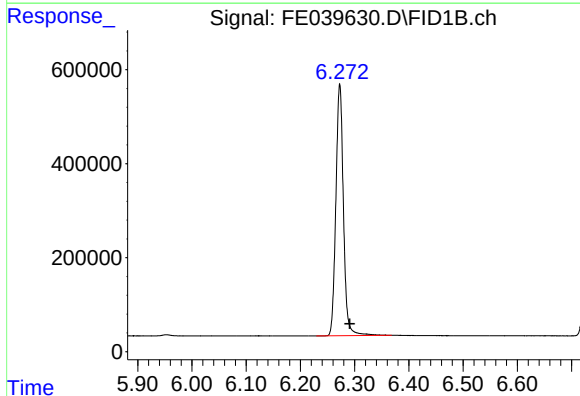
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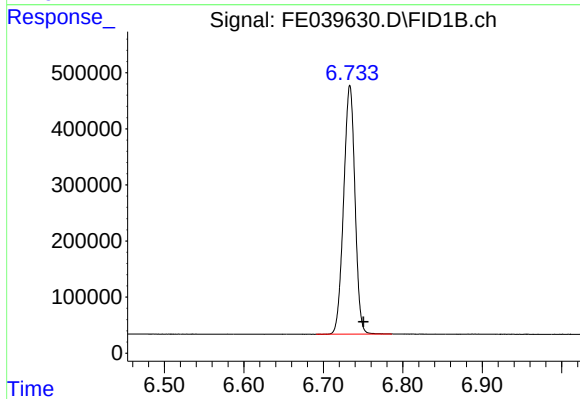
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.015 min
Response: 3965677
Conc: 31.12 ug/ml



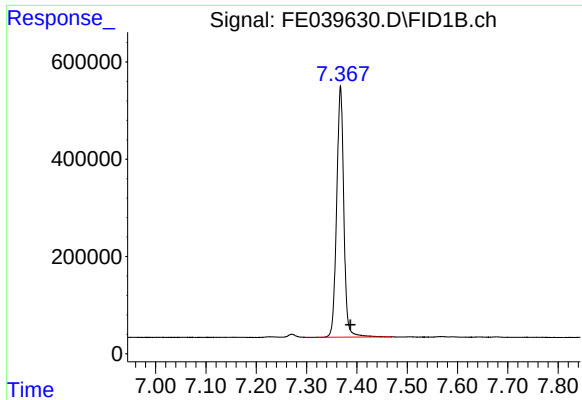
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.018 min
Response: 5187201
Conc: 35.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: -0.017 min
Response: 4393962
Conc: 33.85 ug/ml



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

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 5114831
Conc: 37.77 ug/ml

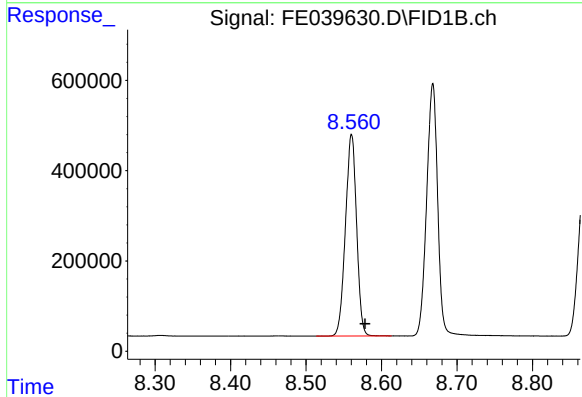
Instrument :

FID_E

ClientSampleId :
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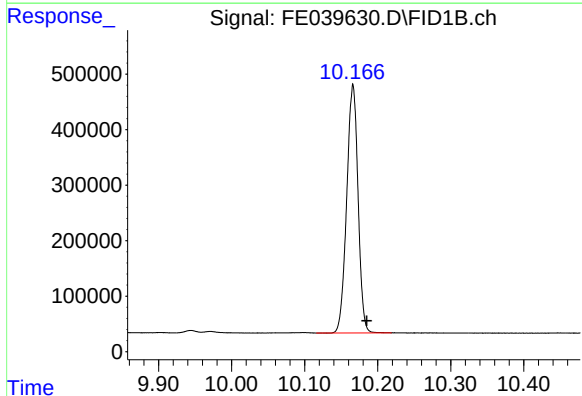
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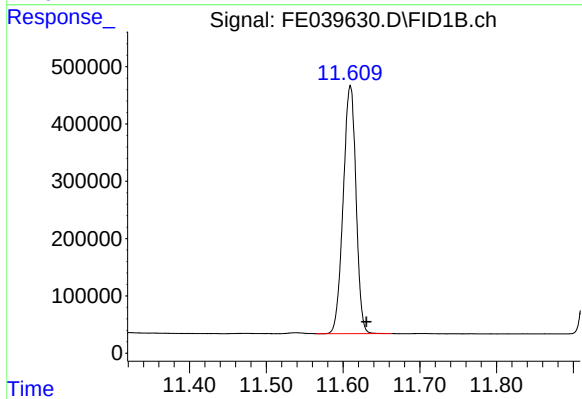
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.018 min
Response: 4577209
Conc: 34.54 ug/ml



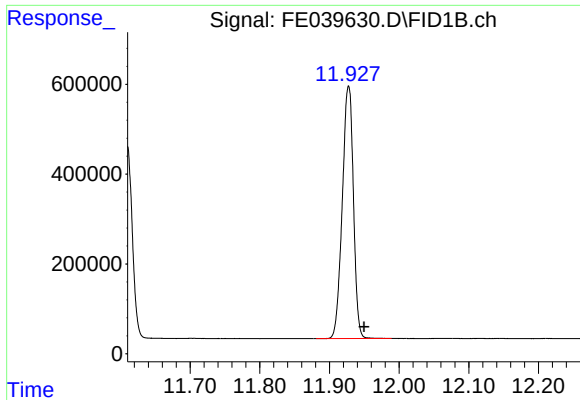
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 4821390
Conc: 35.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.021 min
Response: 5014800
Conc: 35.80 ug/ml



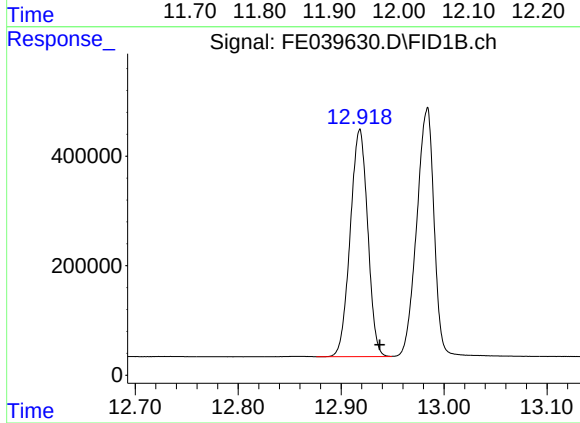
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.022 min
Response: 6239544
Conc: 41.81 ug/ml

Instrument :
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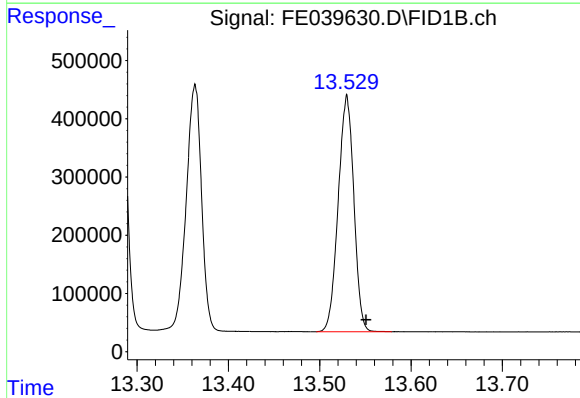
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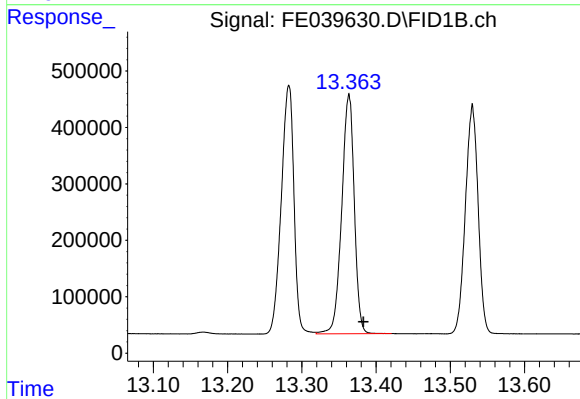
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.019 min
Response: 4889002
Conc: 35.82 ug/ml



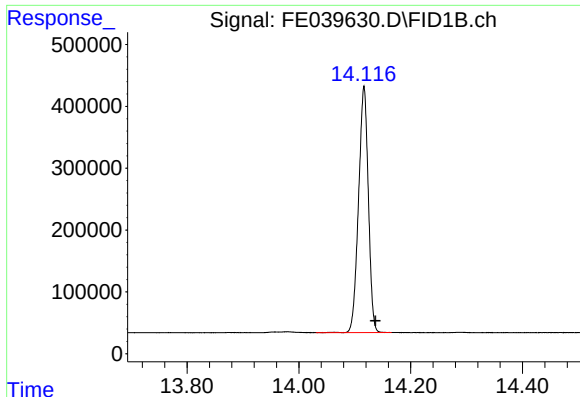
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.021 min
Response: 4826198
Conc: 35.38 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.019 min
Response: 4985456
Conc: 43.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 4830544
Conc: 35.71 ug/ml

Instrument :

FID_E

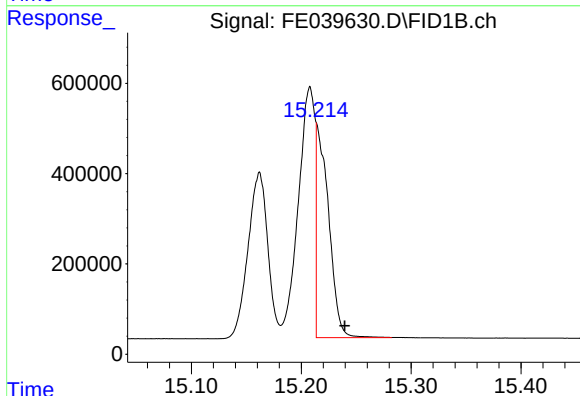
ClientSampleId :

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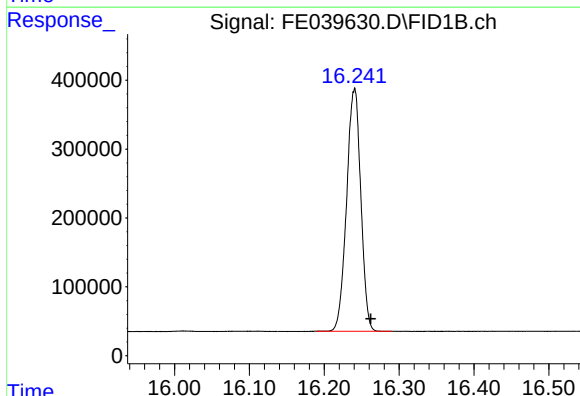
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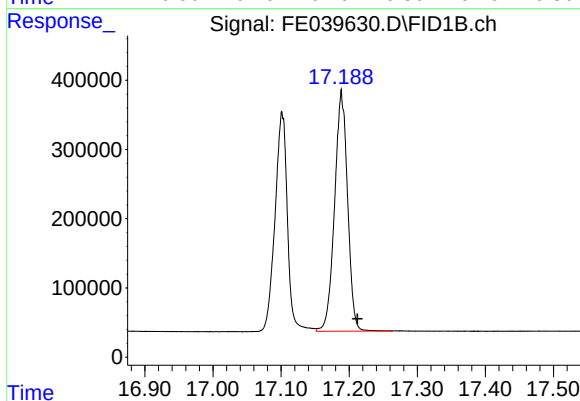
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.026 min
Response: 3560553
Conc: 26.52 ug/ml m



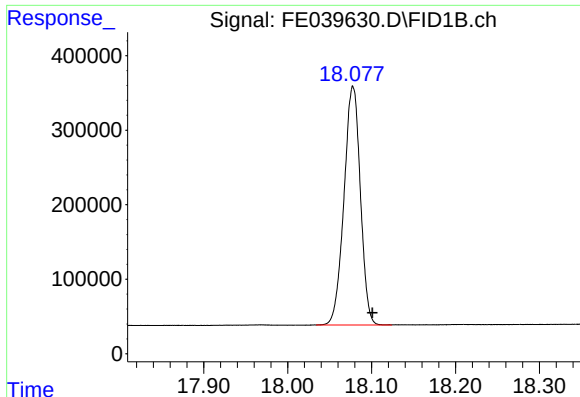
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.022 min
Response: 4636940
Conc: 35.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.024 min
Response: 4599638
Conc: 35.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: -0.024 min
Response: 4348029
Conc: 33.77 ug/ml

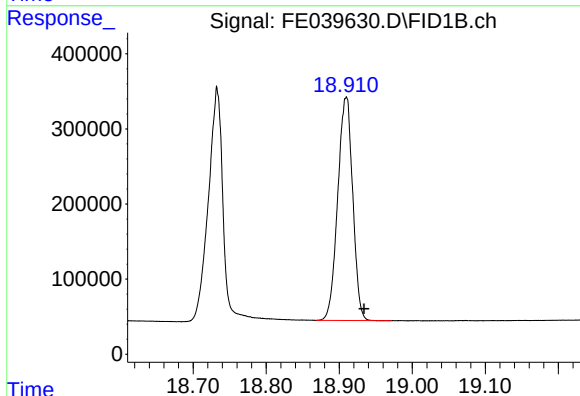
Instrument :

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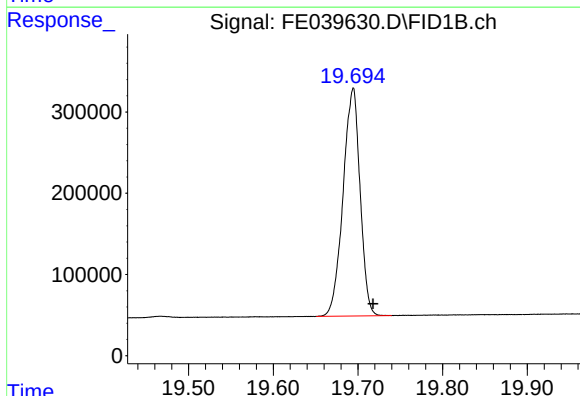
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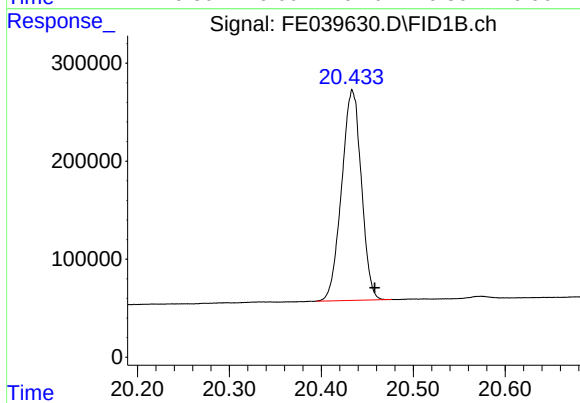
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 4245221
Conc: 32.78 ug/ml



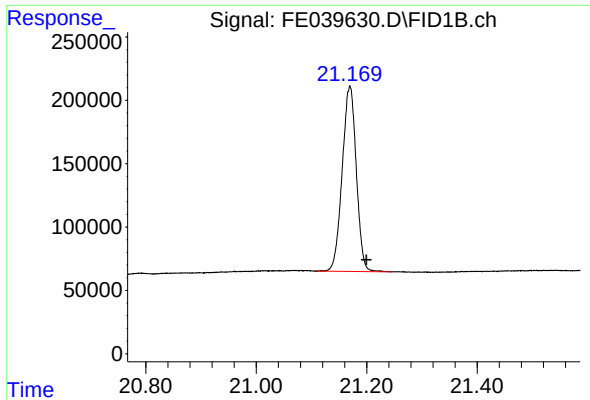
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.023 min
Response: 3914566
Conc: 31.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.025 min
Response: 3194891
Conc: 26.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 2585639
Conc: 20.94 ug/ml

Instrument :

FID_E

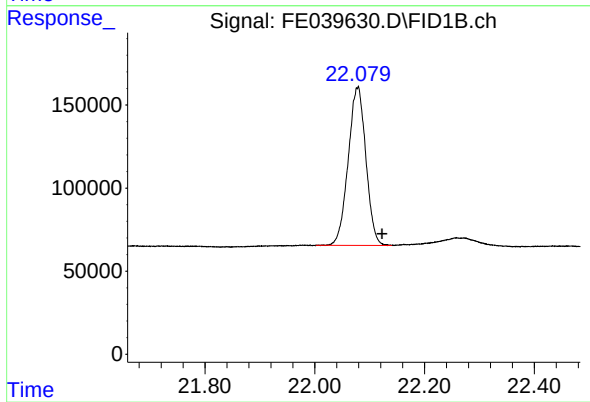
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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: -0.044 min
Response: 2132143
Conc: 16.98 ug/ml