

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039671.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 14:45
 Operator : YP\AJ
 Sample : PB150084BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150084BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2023
 Supervised By :Ankita Jodhani 01/09/2023

Integration File: autoint1.e
 Quant Time: Jan 09 02:38:35 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)	11.923	5922630	39.687 ug/ml
Spiked Amount 50.000		Recovery =	79.37%
12) S 1-chlorooctadecane (S...	13.359	4748687	41.257 ug/ml
Spiked Amount 50.000		Recovery =	82.51%
Target Compounds			
1) T n-Nonane (C9)	3.319	5974842	46.224 ug/ml
2) T n-Decane (C10)	4.568	6314714	49.558 ug/ml
3) T A~Naphthalene (C11.7)	6.268	4494508	31.091 ug/ml
4) T n-Dodecane (C12)	6.731	6845940	52.732 ug/ml
5) T A~2-methylnaphthalene...	7.363	4616374	34.086 ug/ml
6) T n-Tetradecane (C14)	8.559	7063949	53.308 ug/ml
7) T n-Hexadecane (C16)	10.164	7600353	55.246 ug/ml
8) T n-Octadecane (C18)	11.607	8069842	57.616 ug/ml
10) T n-Eicosane (C20)	12.917	7998380	58.593 ug/ml
11) T n-Heneicosane (C21)	13.527	7970696	58.440 ug/mlm
13) T n-Docosane (C22)	14.115	8040292	59.437 ug/ml
14) T n-Tetracosane (C24)	15.216	7507411	55.925 ug/mlm
15) T n-Hexacosane (C26)	16.238	7924412	60.859 ug/ml
16) T n-Octacosane (C28)	17.187	7802491	60.625 ug/ml
17) T n-Tricontane (C30)	18.077	7531387	58.496 ug/mlm
18) T n-Dotriacontane (C32)	18.907	7299028	56.363 ug/ml
19) T n-Tetratriacontane (C34)	19.690	6420231	50.889 ug/ml
20) T n-Hexatriacontane (C36)	20.431	4992198	41.286 ug/mlm
21) T n-Octatriacontane (C38)	21.163	3949666	31.982 ug/ml
22) T n-Tetracontane (C40)	22.071f	3301819	26.292 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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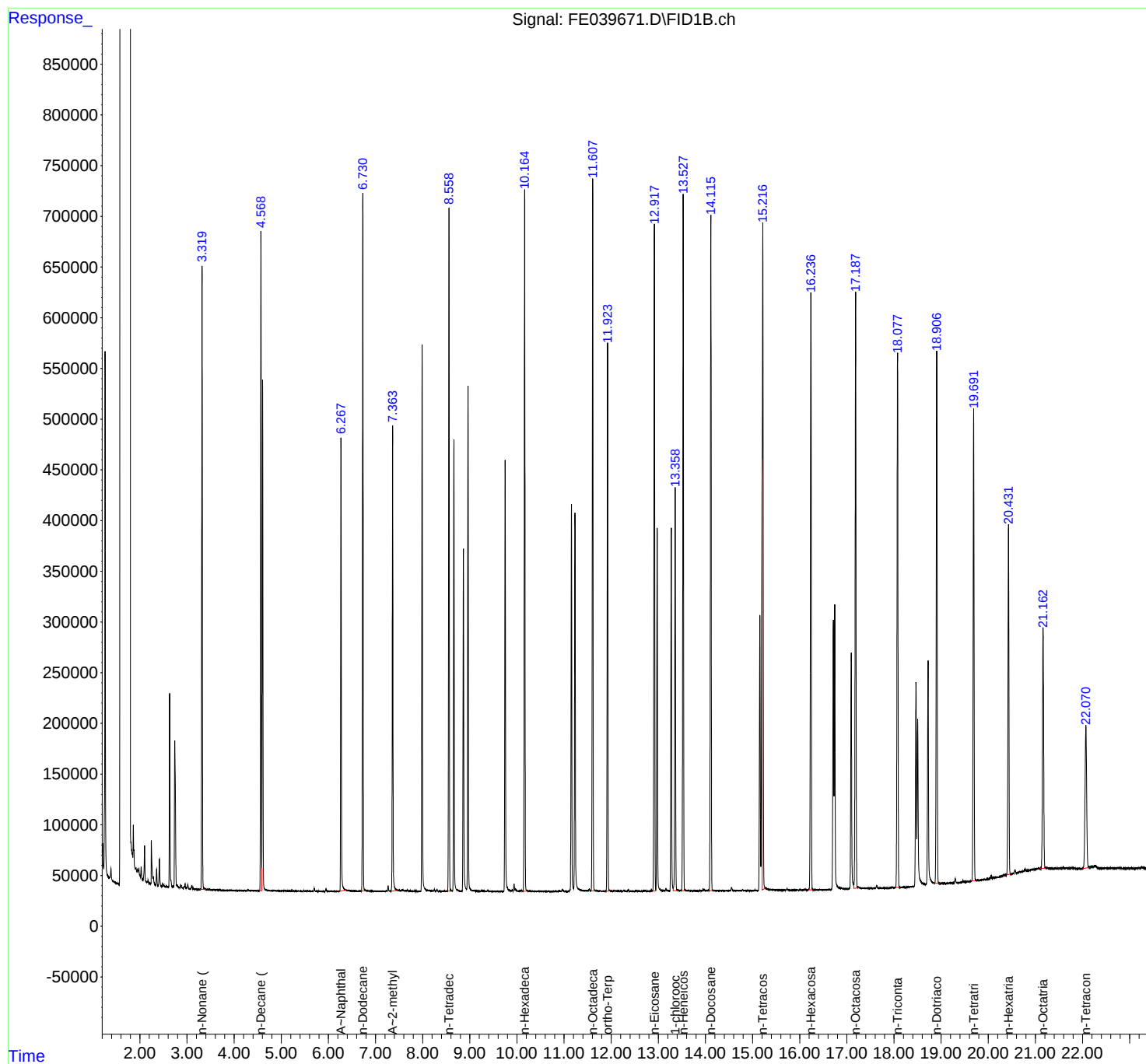
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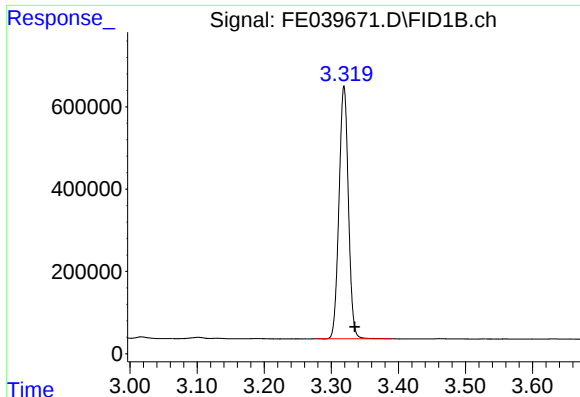
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#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 5974842
Conc: 46.22 ug/ml

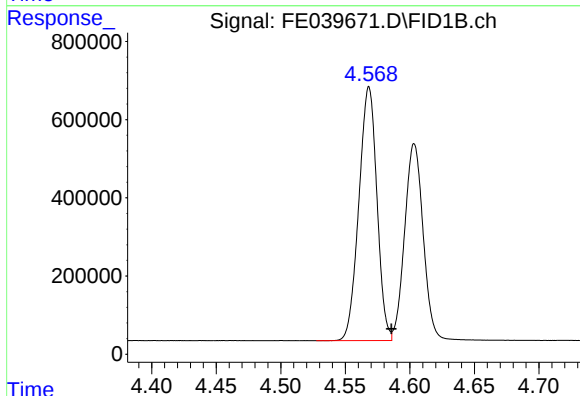
Instrument :

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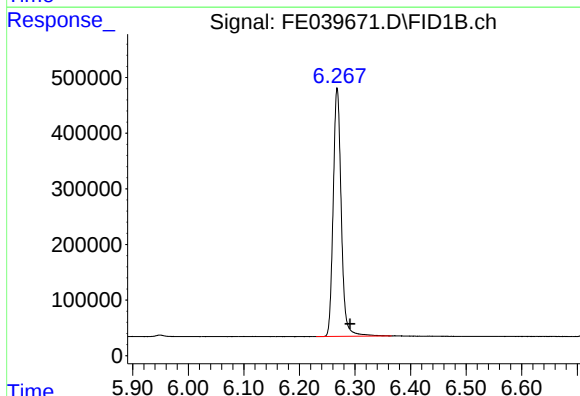
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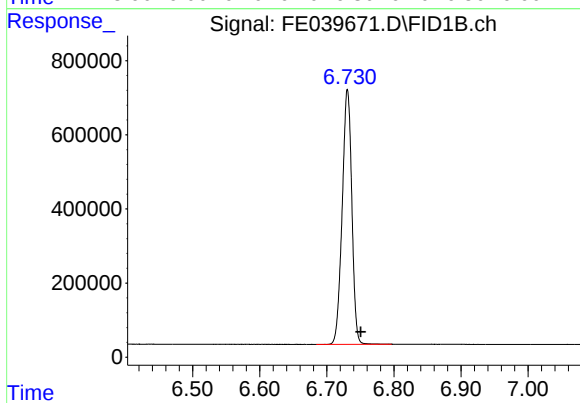
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.017 min
Response: 6314714
Conc: 49.56 ug/ml



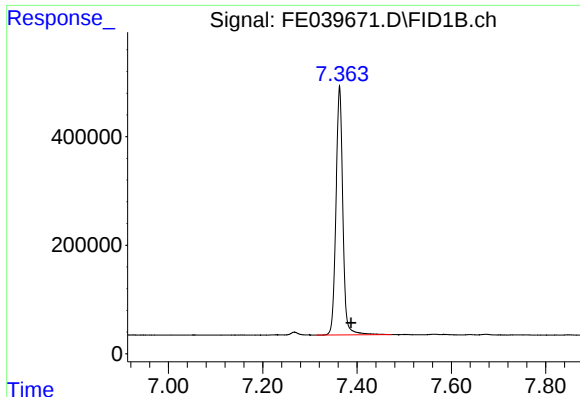
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.023 min
Response: 4494508
Conc: 31.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: -0.020 min
Response: 6845940
Conc: 52.73 ug/ml



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

R.T.: 7.363 min
Delta R.T.: -0.024 min
Response: 4616374
Conc: 34.09 ug/ml

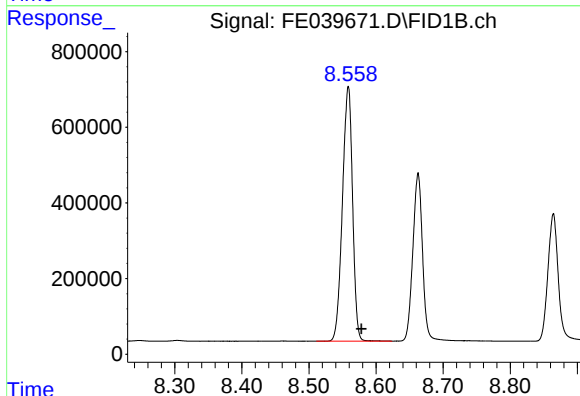
Instrument :

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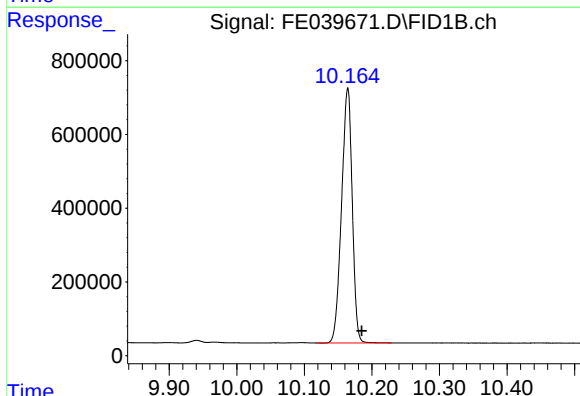
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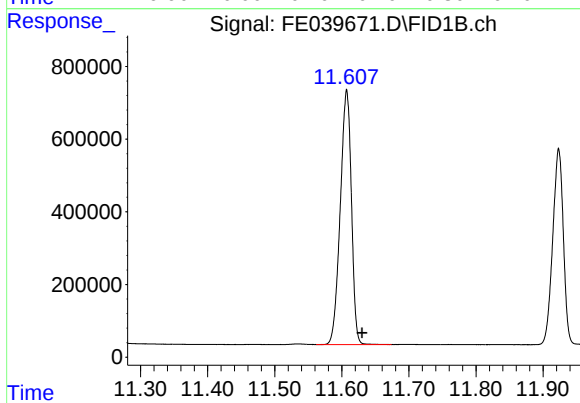
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 7063949
Conc: 53.31 ug/ml



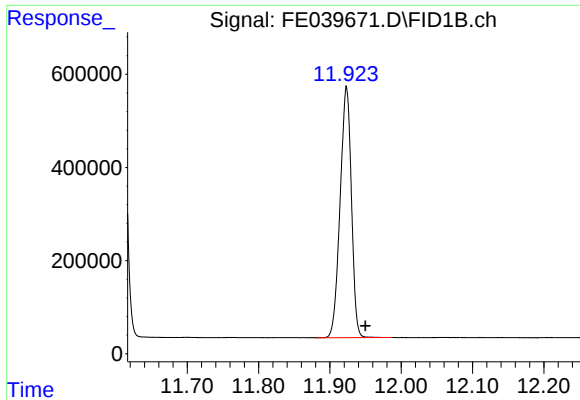
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.021 min
Response: 7600353
Conc: 55.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.023 min
Response: 8069842
Conc: 57.62 ug/ml



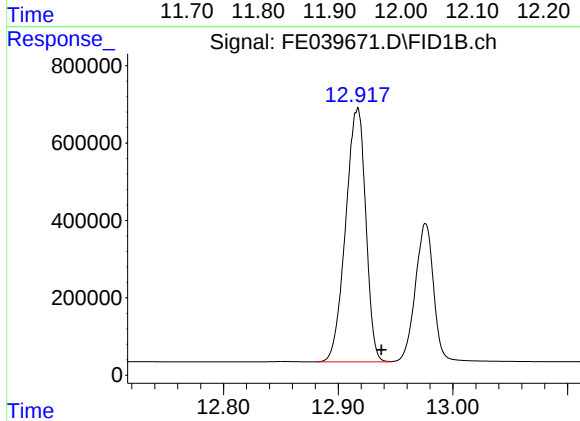
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.026 min
Response: 5922630
Conc: 39.69 ug/ml

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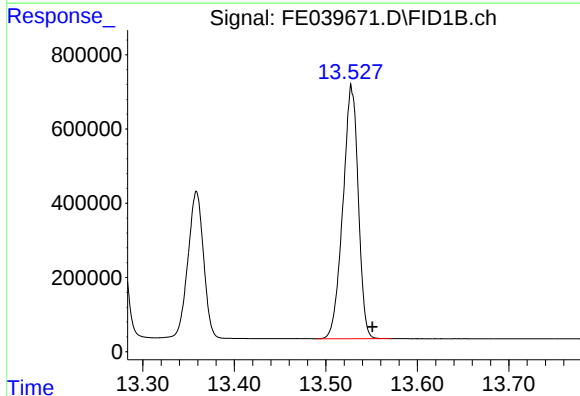
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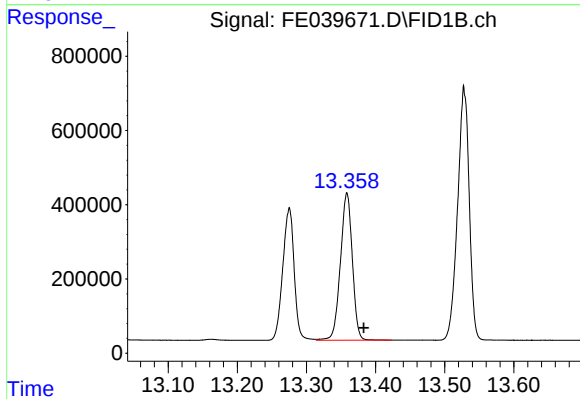
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.021 min
Response: 7998380
Conc: 58.59 ug/ml



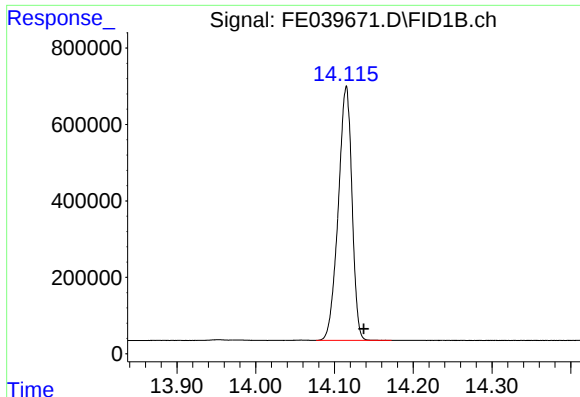
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.024 min
Response: 7970696
Conc: 58.44 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.024 min
Response: 4748687
Conc: 41.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 8040292
Conc: 59.44 ug/ml

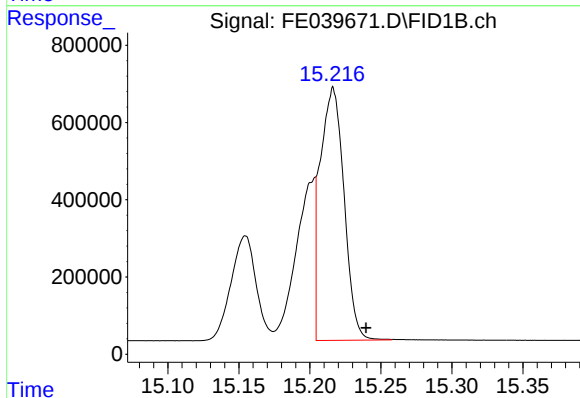
Instrument :

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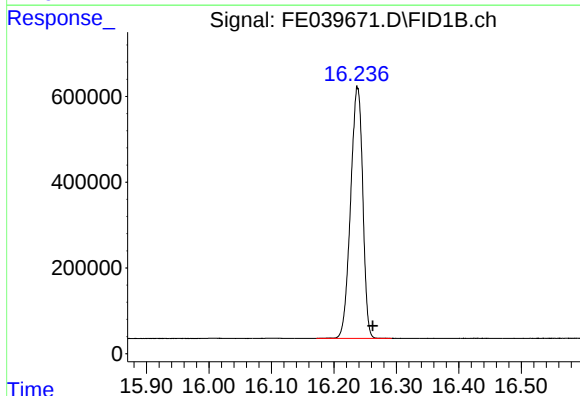
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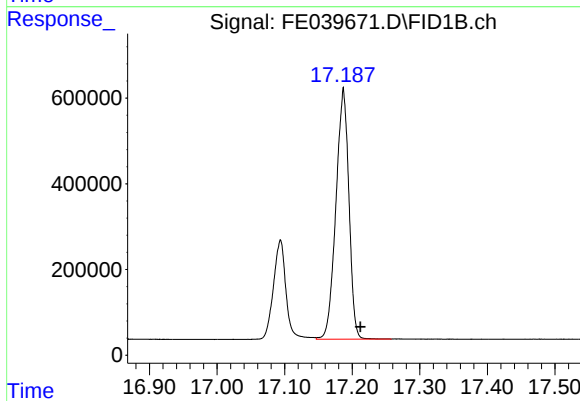
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.024 min
Response: 7507411
Conc: 55.93 ug/ml m



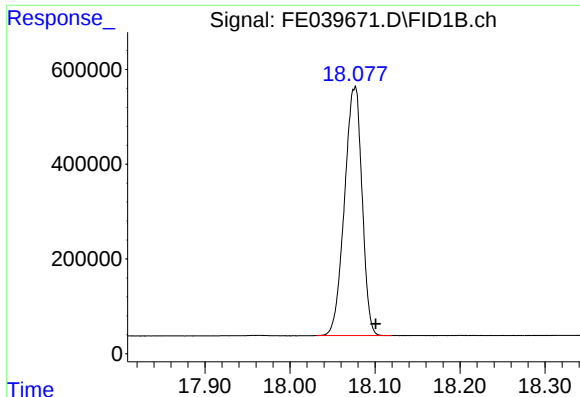
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.024 min
Response: 7924412
Conc: 60.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.025 min
Response: 7802491
Conc: 60.62 ug/ml



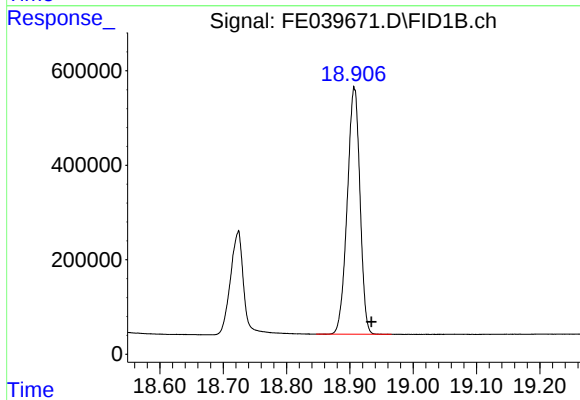
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: -0.024 min
Response: 7531387
Conc: 58.50 ug/ml

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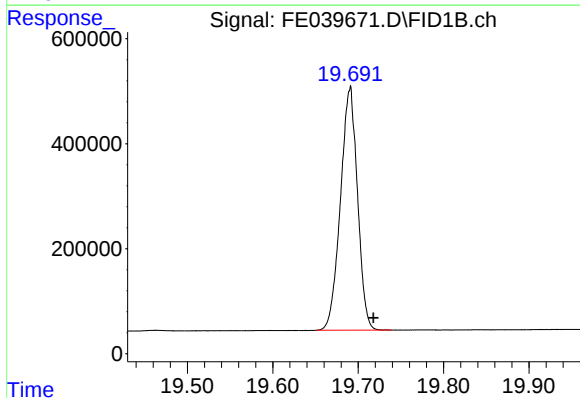
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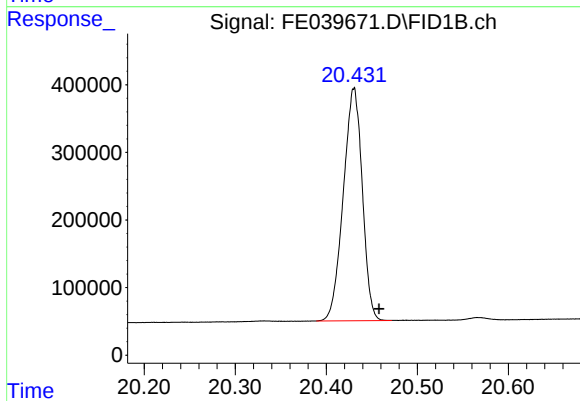
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.027 min
Response: 7299028
Conc: 56.36 ug/ml



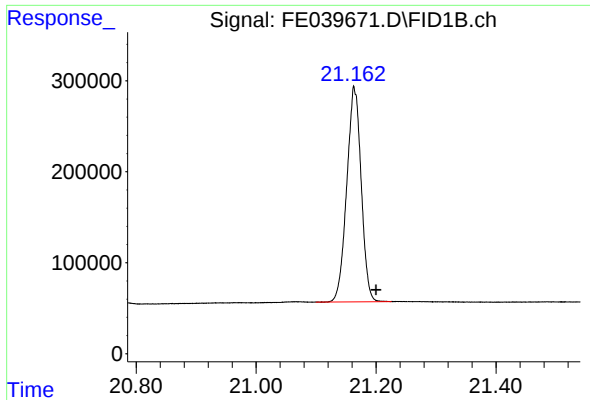
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.027 min
Response: 6420231
Conc: 50.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.027 min
Response: 4992198
Conc: 41.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.036 min
Response: 3949666
Conc: 31.98 ug/ml

Instrument :

FID_E

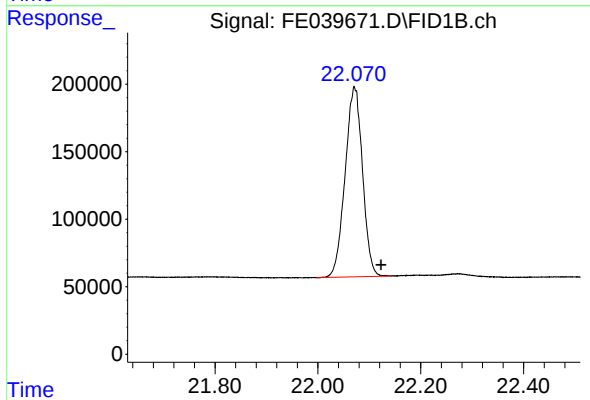
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#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.052 min
Response: 3301819
Conc: 26.29 ug/ml