

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
 Data File : FE039696.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 16:02
 Operator : YP\AJ
 Sample : PB150111BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150111BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2023
 Supervised By :Ankita Jodhani 01/10/2023

Integration File: autoint1.e
 Quant Time: Jan 09 17:52:38 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	6229298	41.742 ug/ml
Spiked Amount 50.000		Recovery =	83.48%
12) S 1-chlorooctadecane (S...	13.358	4927552	42.811 ug/ml
Spiked Amount 50.000		Recovery =	85.62%
Target Compounds			
1) T n-Nonane (C9)	3.319	6278736	48.575 ug/ml
2) T n-Decane (C10)	4.568	6678145	52.410 ug/mlm
3) T A~Naphthalene (C11.7)	6.268	4720396	32.654 ug/ml
4) T n-Dodecane (C12)	6.730	7221106	55.622 ug/ml
5) T A~2-methylnaphthalene...	7.362	4852122	35.827 ug/ml
6) T n-Tetradecane (C14)	8.558	7433293	56.096 ug/ml
7) T n-Hexadecane (C16)	10.164	7978643	57.995 ug/ml
8) T n-Octadecane (C18)	11.607	8466303	60.447 ug/ml
10) T n-Eicosane (C20)	12.916	8382954	61.411 ug/ml
11) T n-Heneicosane (C21)	13.527	8350831	61.227 ug/mlm
13) T n-Docosane (C22)	14.114	8425024	62.281 ug/ml
14) T n-Tetracosane (C24)	15.216	8376889	62.402 ug/mlm
15) T n-Hexacosane (C26)	16.238	8274879	63.551 ug/ml
16) T n-Octacosane (C28)	17.188	8140798	63.253 ug/ml
17) T n-Tricontane (C30)	18.075	7833478	60.843 ug/mlm
18) T n-Dotriacontane (C32)	18.907	7577286	58.512 ug/ml
19) T n-Tetratriacontane (C34)	19.691	6639525	52.627 ug/ml
20) T n-Hexatriacontane (C36)	20.429	5095085	42.137 ug/mlm
21) T n-Octatriacontane (C38)	21.164	3964558	32.102 ug/ml
22) T n-Tetracontane (C40)	22.072	3199011	25.473 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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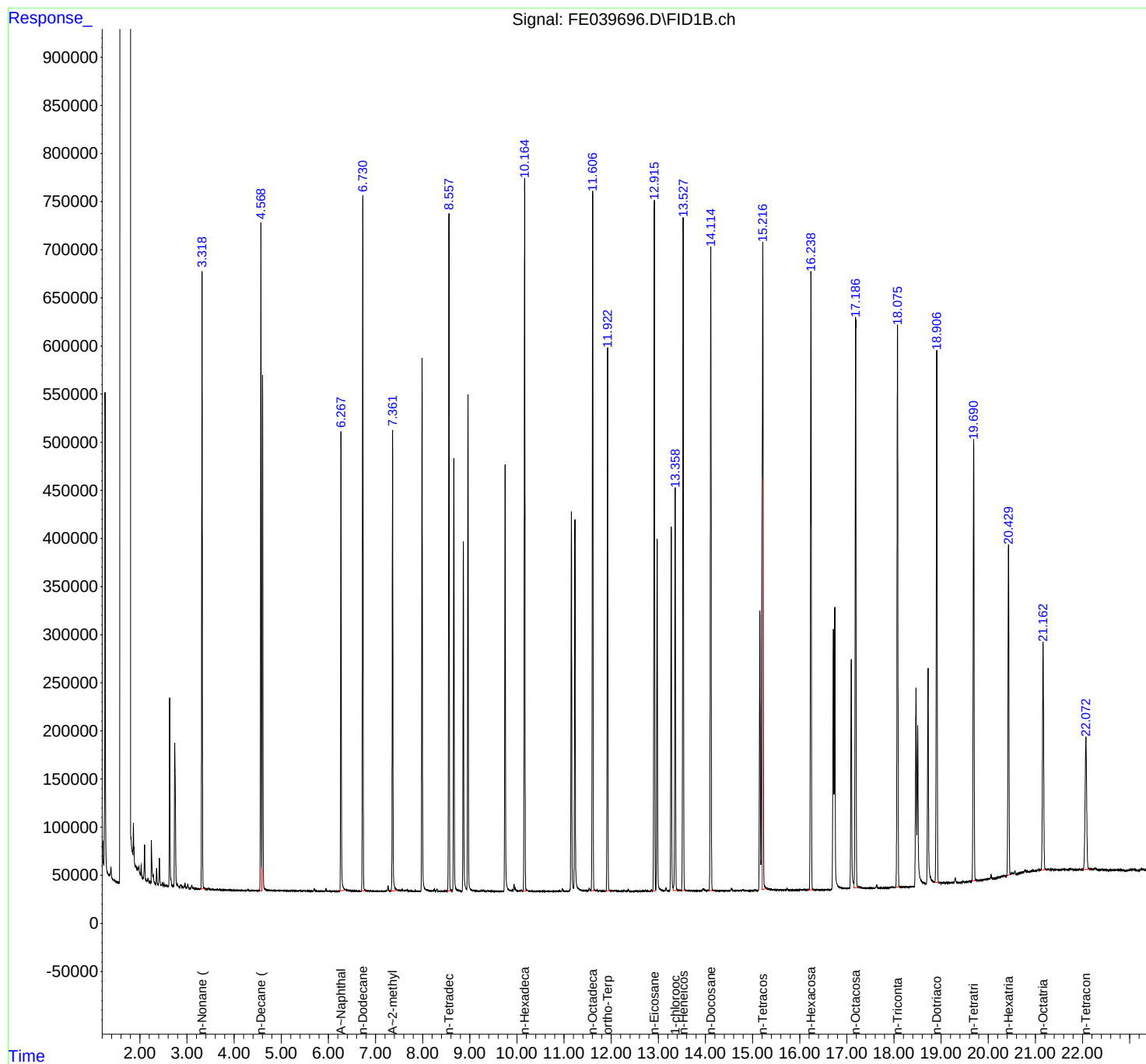
Instrument :
FID_E
ClientSampleId :
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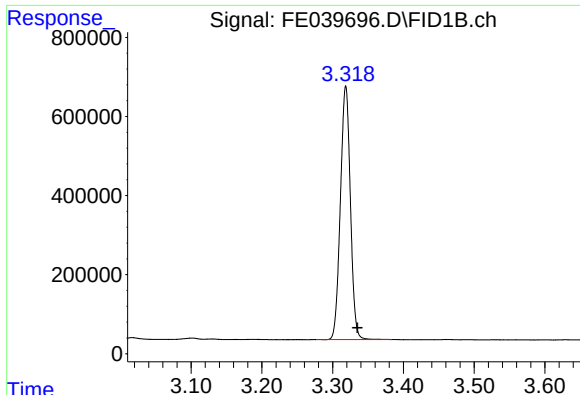
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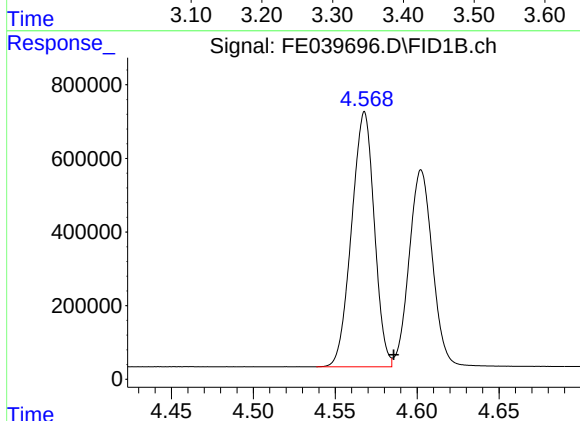
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 6278736
Conc: 48.58 ug/ml

Instrument :
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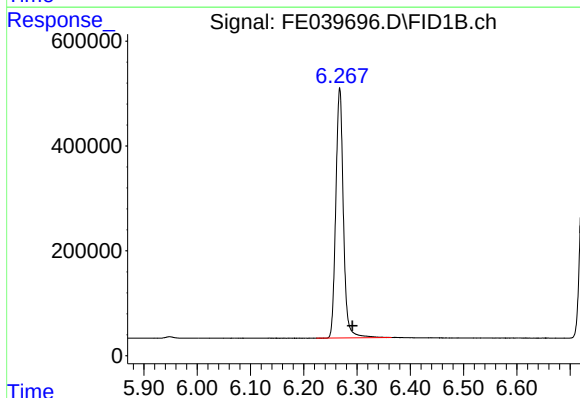
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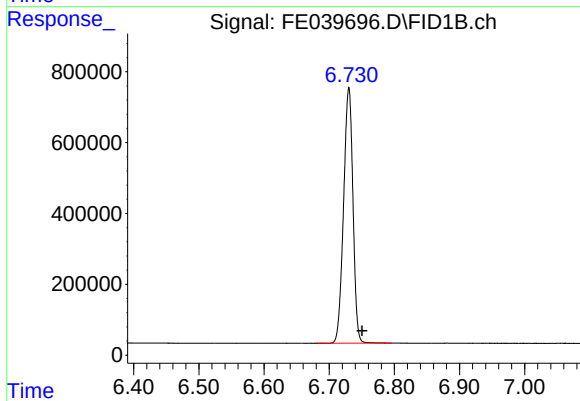
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.018 min
Response: 6678145
Conc: 52.41 ug/ml m



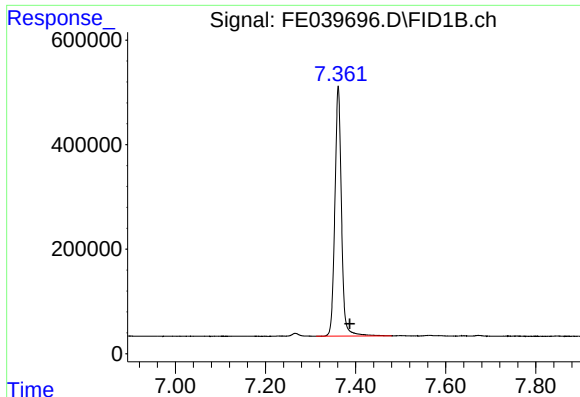
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.023 min
Response: 4720396
Conc: 32.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 7221106
Conc: 55.62 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.025 min
Response: 4852122
Conc: 35.83 ug/ml

Instrument :

FID_E

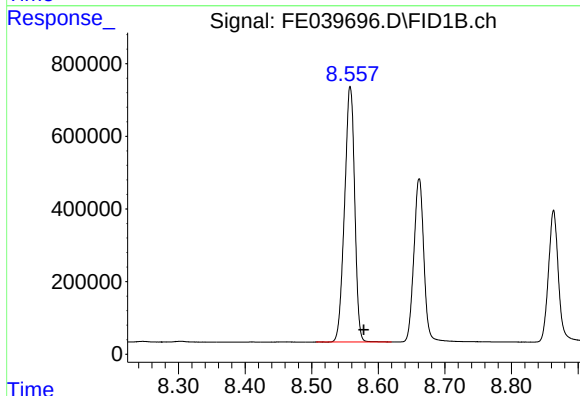
ClientSampleId :

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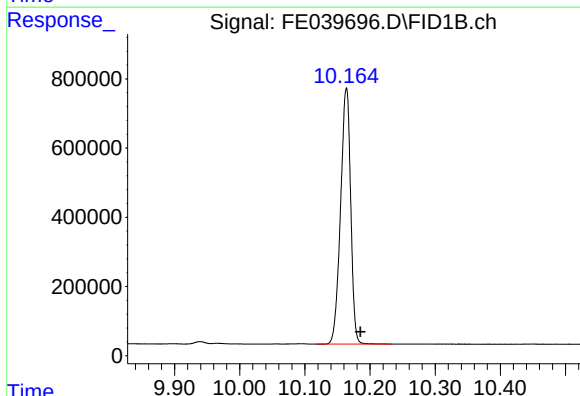
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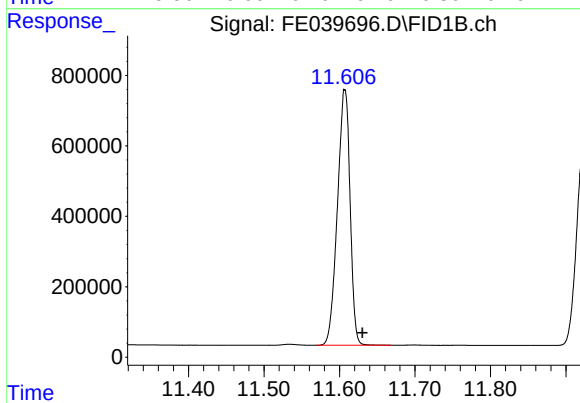
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.020 min
Response: 7433293
Conc: 56.10 ug/ml



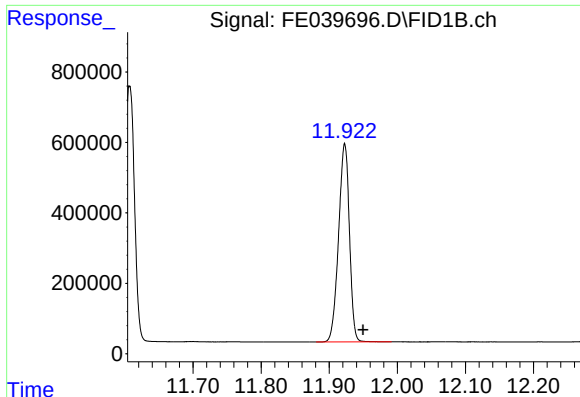
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.021 min
Response: 7978643
Conc: 58.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.023 min
Response: 8466303
Conc: 60.45 ug/ml



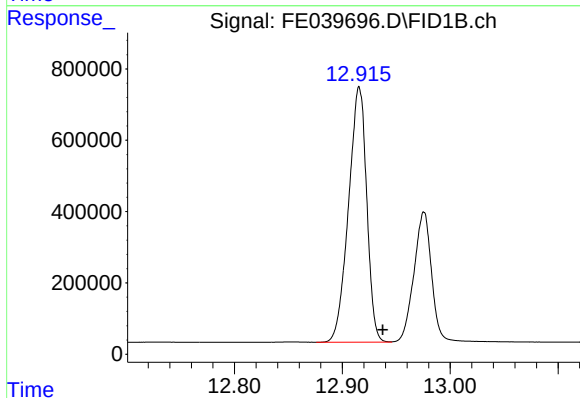
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.027 min
Response: 6229298
Conc: 41.74 ug/ml

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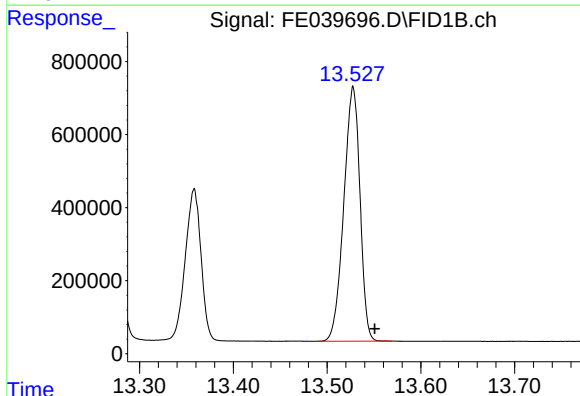
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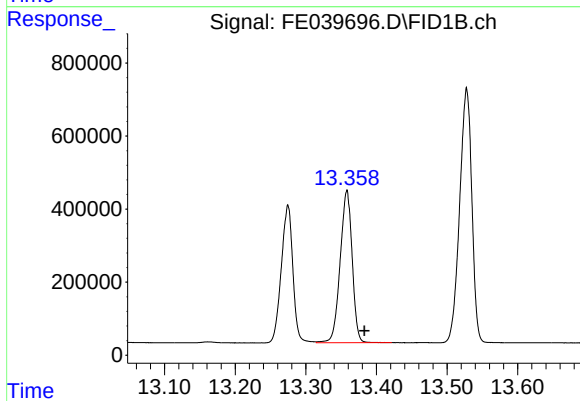
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.022 min
Response: 8382954
Conc: 61.41 ug/ml



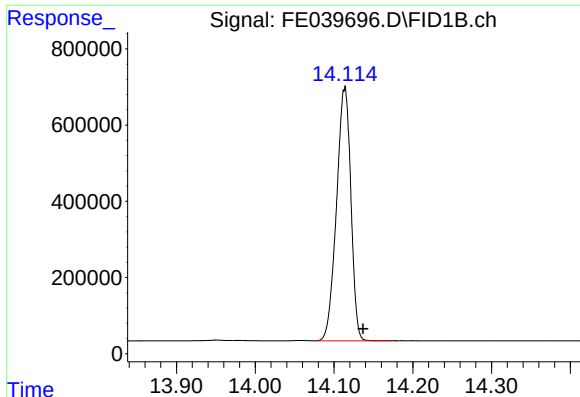
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.024 min
Response: 8350831
Conc: 61.23 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.025 min
Response: 4927552
Conc: 42.81 ug/ml



#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: -0.023 min
Response: 8425024
Conc: 62.28 ug/ml

Instrument :

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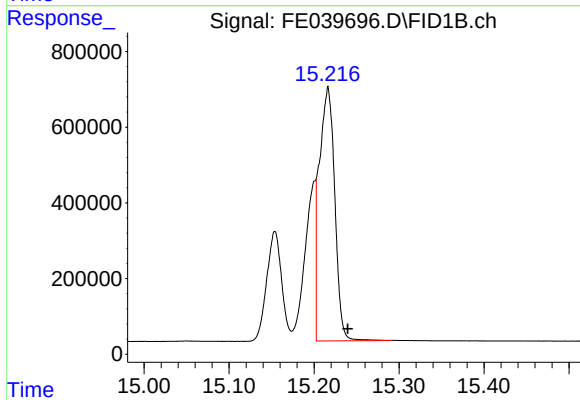
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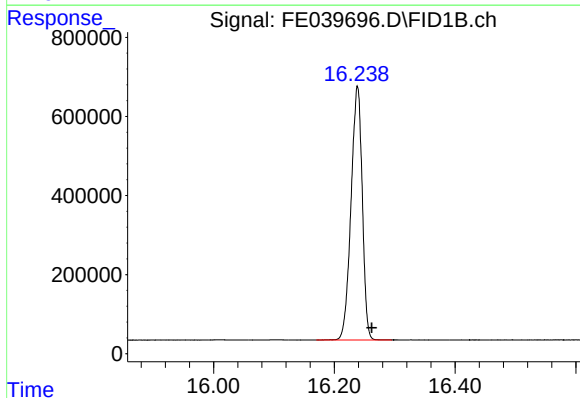
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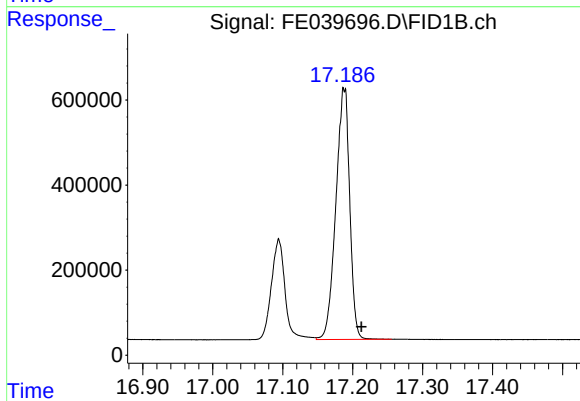
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.023 min
Response: 8376889
Conc: 62.40 ug/ml m



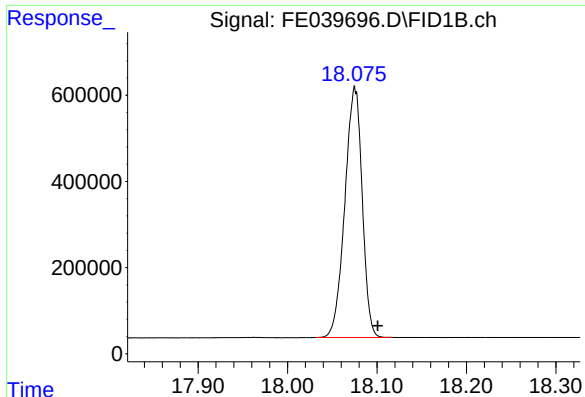
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.024 min
Response: 8274879
Conc: 63.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: -0.024 min
Response: 8140798
Conc: 63.25 ug/ml



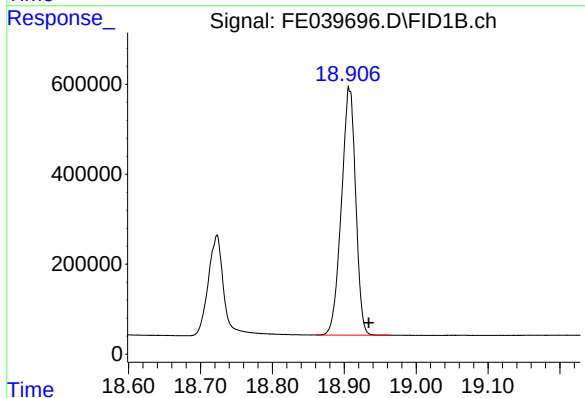
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.026 min
Response: 7833478
Conc: 60.84 ug/ml

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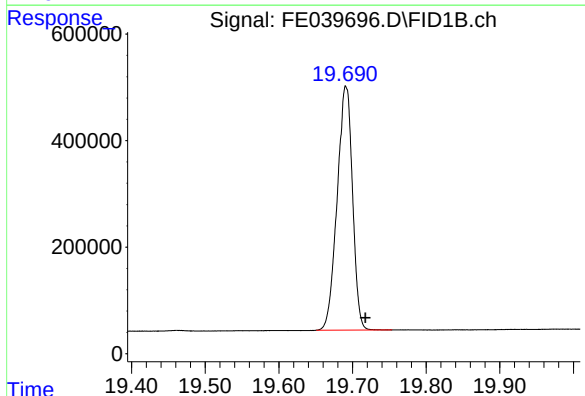
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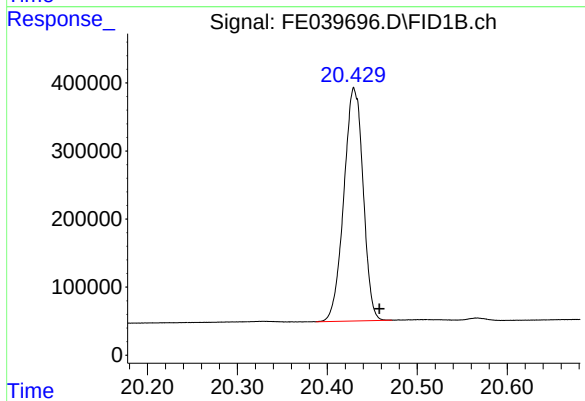
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.027 min
Response: 7577286
Conc: 58.51 ug/ml



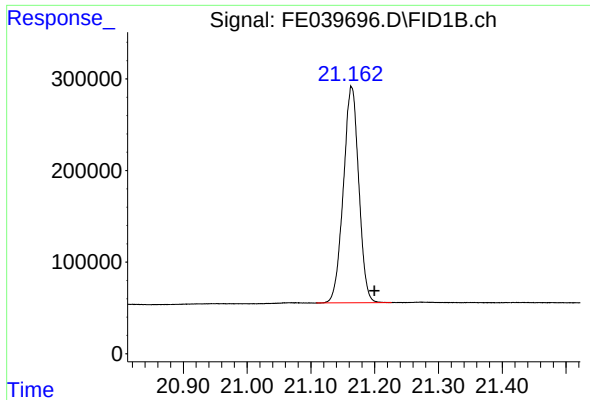
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.027 min
Response: 6639525
Conc: 52.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.029 min
Response: 5095085
Conc: 42.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.036 min
Response: 3964558
Conc: 32.10 ug/ml

Instrument :

FID_E

ClientSampleId :

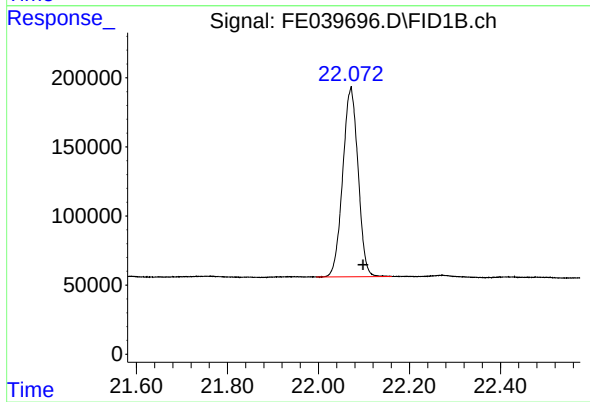
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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.026 min
Response: 3199011
Conc: 25.47 ug/ml