

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039731.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 20:30
 Operator : YP\AJ
 Sample : 01084-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-2MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/11/2023

Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e

Quant Time: Jan 11 04:16:54 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M

Quant Title : GC Extractables

QLast Update : Tue Jan 10 04:24:52 2023

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)	11.921	5746124	37.418 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
12) S 1-chlorooctadecane (S...	13.357	4770106	40.876 ug/ml
Spiked Amount 50.000		Recovery =	81.75%
Target Compounds			
1) T n-Nonane (C9)	3.314	2357914	18.576 ug/ml
2) T n-Decane (C10)	4.564	2564066	20.647 ug/ml
3) T A~Naphthalene (C11.7)	6.267	5820557	41.273 ug/ml
4) T n-Dodecane (C12)	6.727	2730420	21.717 ug/ml
5) T A~2-methylnaphthalene...	7.362	5740800	43.830 ug/ml
6) T n-Tetradecane (C14)	8.554	2919037	22.696 ug/ml
7) T n-Hexadecane (C16)	10.159	3033203	22.484 ug/ml
8) T n-Octadecane (C18)	11.602	3037357	21.676 ug/ml
10) T n-Eicosane (C20)	12.912	2833089	20.448 ug/ml
11) T n-Heneicosane (C21)	13.523	2713179	19.444 ug/ml
13) T n-Docosane (C22)	14.108	2671002	19.243 ug/ml
14) T n-Tetracosane (C24)	15.205	3737787	27.148 ug/mlm
15) T n-Hexacosane (C26)	16.234	2348807	17.599 ug/ml
16) T n-Octacosane (C28)	17.183	2346886	18.029 ug/ml
17) T n-Tricontane (C30)	18.072	2096220	16.437 ug/ml
18) T n-Dotriacontane (C32)	18.903	2023469	16.006 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2254985	18.249 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2515262	21.334 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2725017	22.800 ug/mlm
22) T n-Tetracontane (C40)	22.072	2965518	24.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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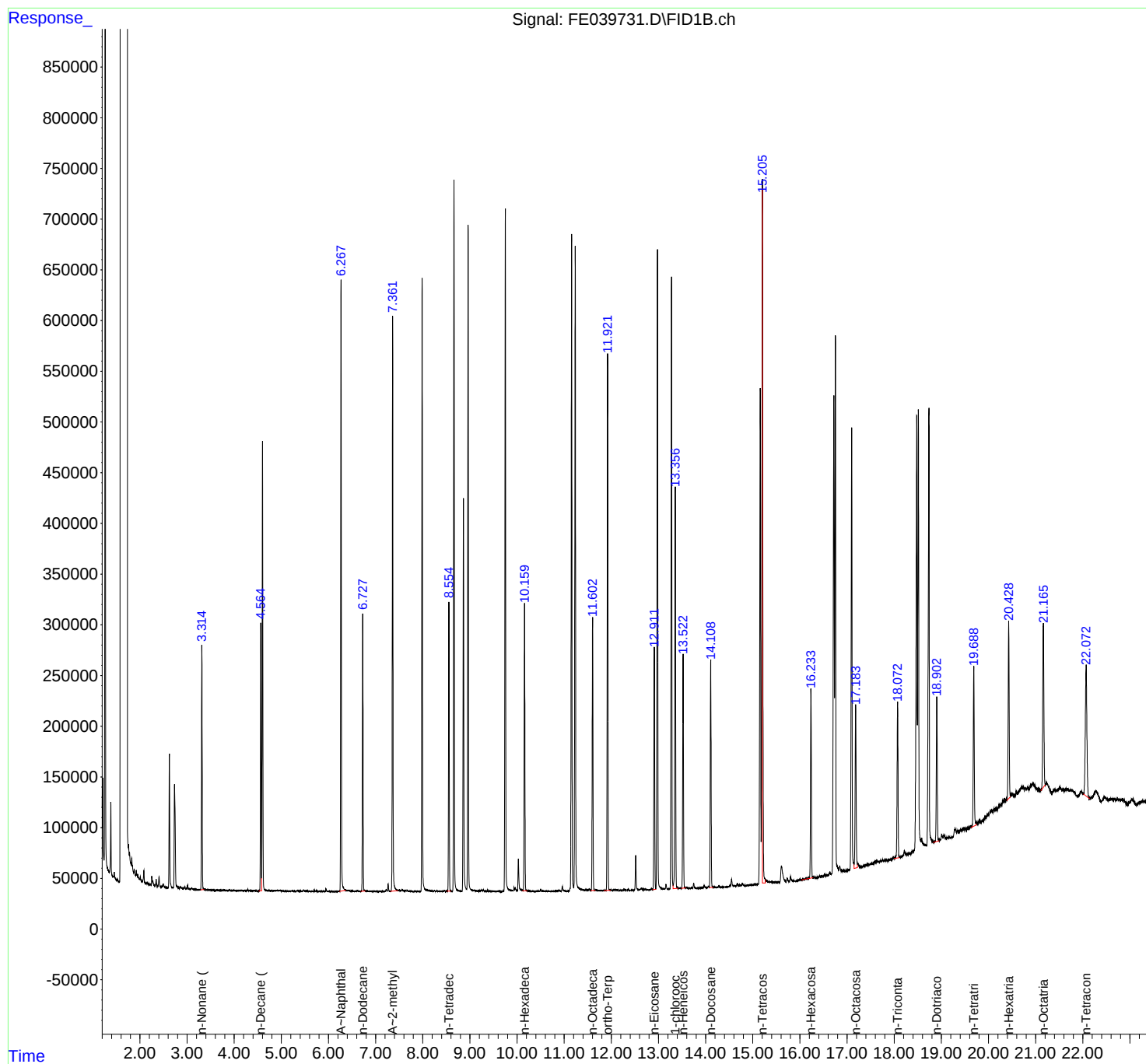
Instrument :
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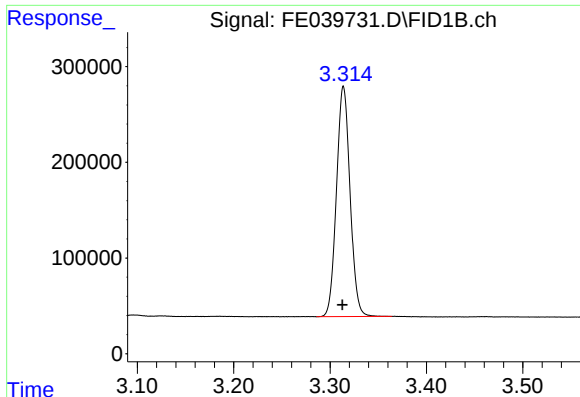
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
Quant Title : GC Extractables
QLast Update : Tue Jan 10 04:24:52 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.001 min
Response: 2357914
Conc: 18.58 ug/ml

Instrument :

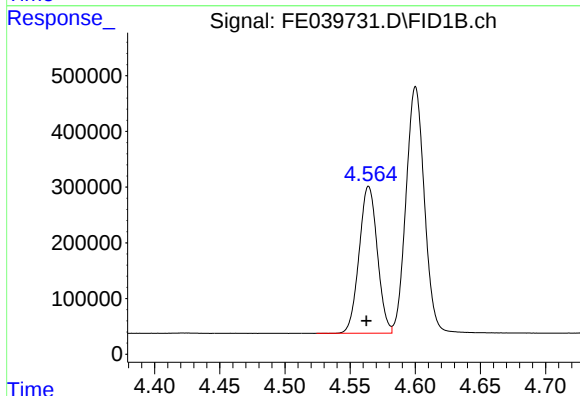
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ClientSampleId :

MH-2MSD

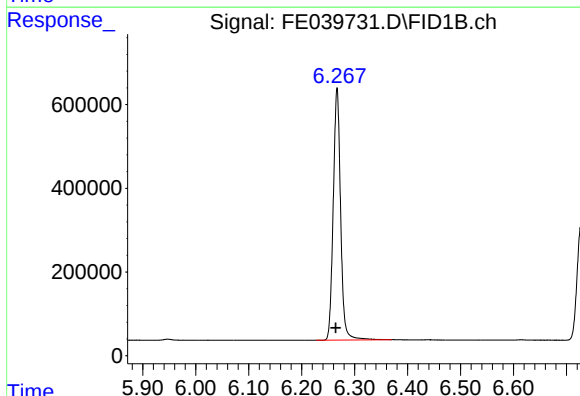
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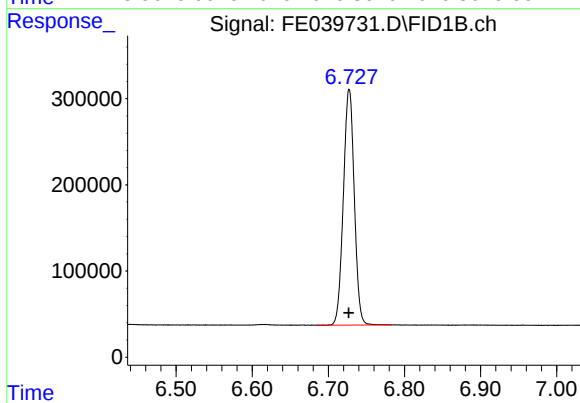
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.002 min
Response: 2564066
Conc: 20.65 ug/ml



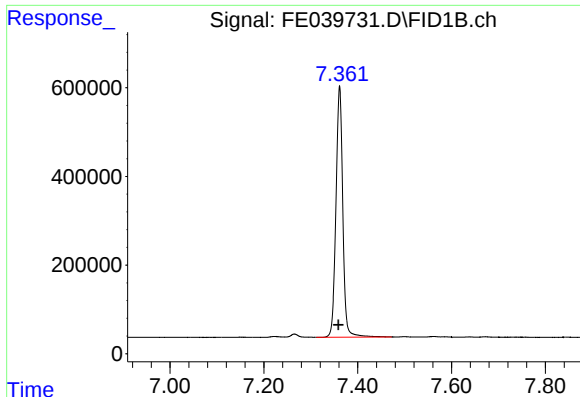
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 5820557
Conc: 41.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2730420
Conc: 21.72 ug/ml



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

R.T.: 7.362 min
Delta R.T.: 0.002 min
Response: 5740800
Conc: 43.83 ug/ml

Instrument :

FID_E

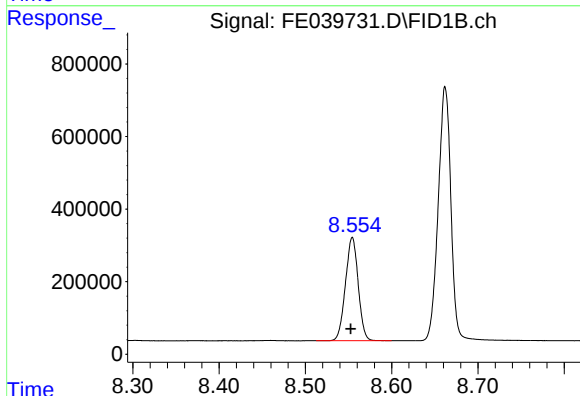
ClientSampleId :

MH-2MSD

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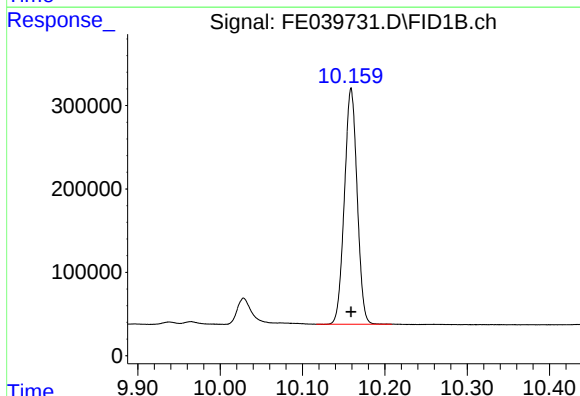
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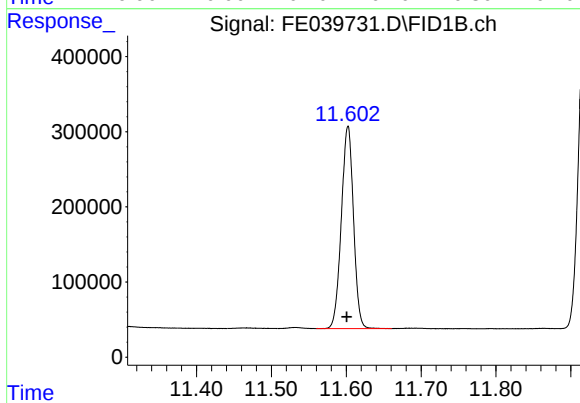
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.002 min
Response: 2919037
Conc: 22.70 ug/ml



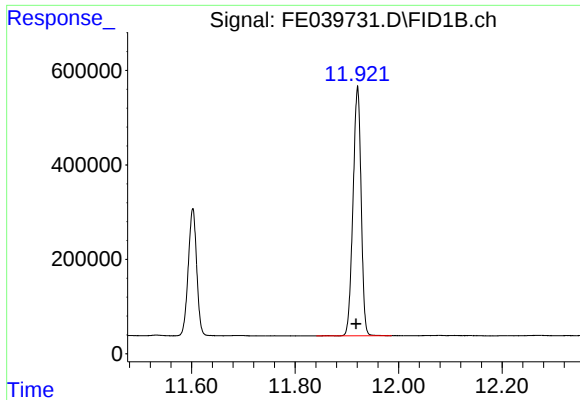
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 3033203
Conc: 22.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.002 min
Response: 3037357
Conc: 21.68 ug/ml



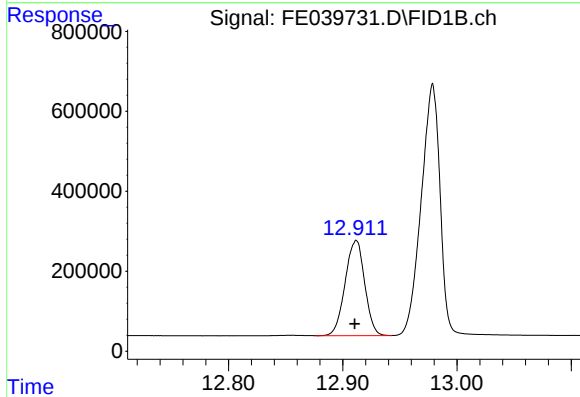
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 5746124
Conc: 37.42 ug/ml

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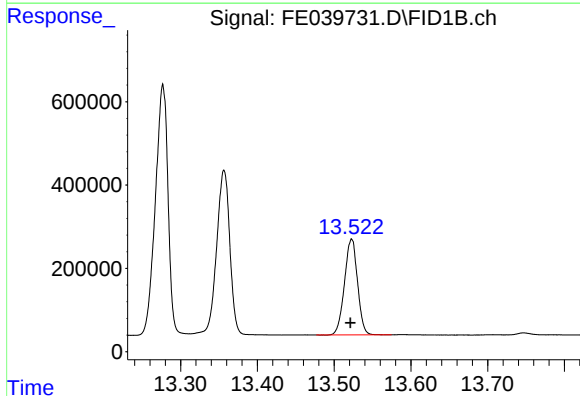
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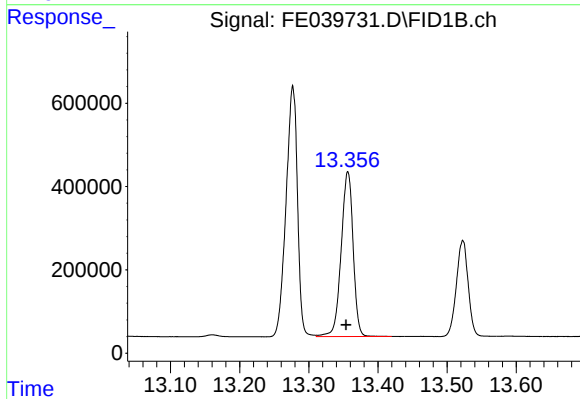
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.001 min
Response: 2833089
Conc: 20.45 ug/ml



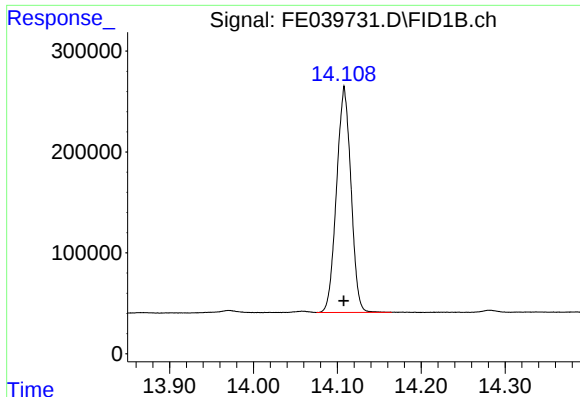
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 2713179
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4770106
Conc: 40.88 ug/ml



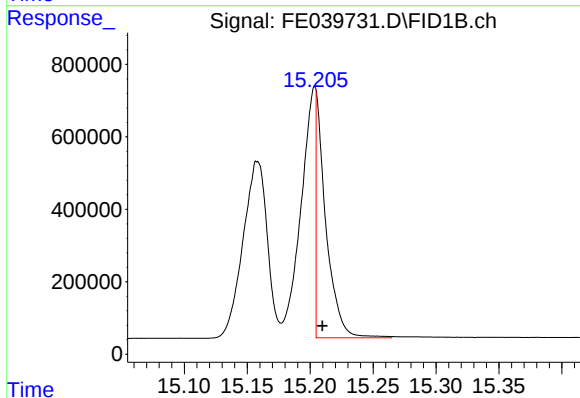
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2671002
Conc: 19.24 ug/ml

Instrument :
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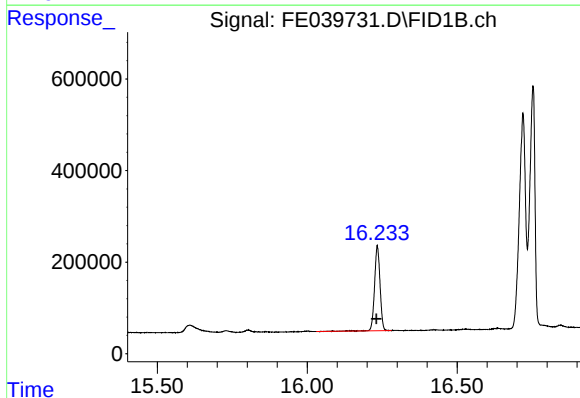
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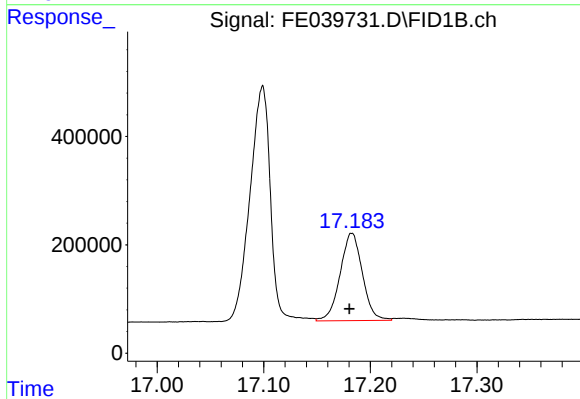
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.005 min
Response: 3737787
Conc: 27.15 ug/ml m



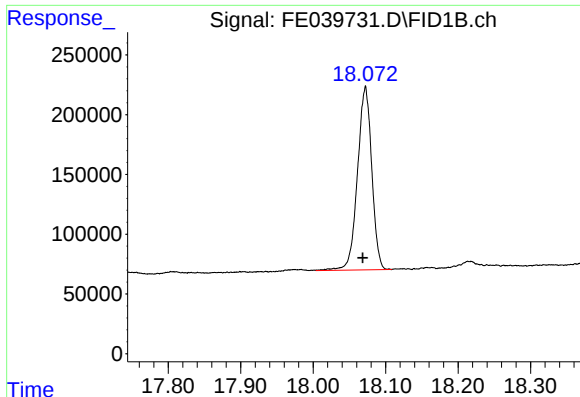
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.003 min
Response: 2348807
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.002 min
Response: 2346886
Conc: 18.03 ug/ml



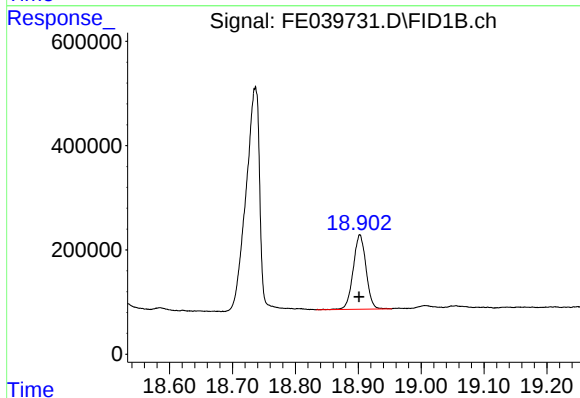
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2096220
Conc: 16.44 ug/ml

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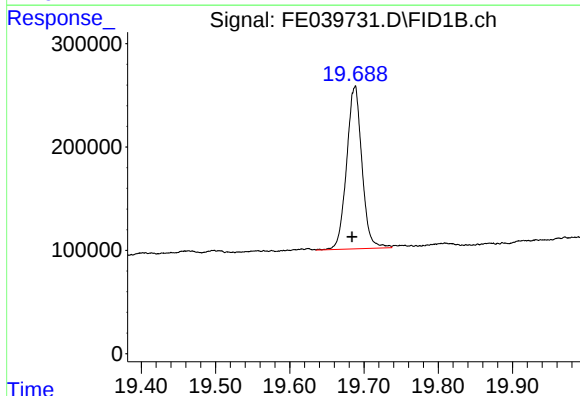
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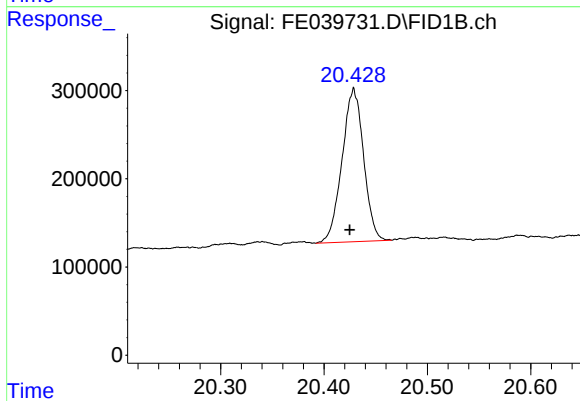
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: 0.001 min
Response: 2023469
Conc: 16.01 ug/ml



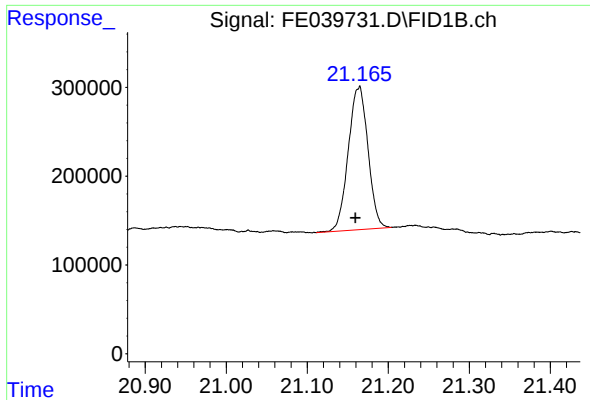
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.004 min
Response: 2254985
Conc: 18.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: 0.003 min
Response: 2515262
Conc: 21.33 ug/ml m



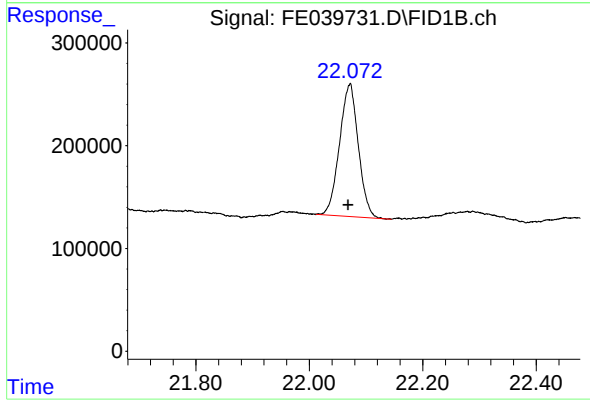
#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.005 min
Response: 2725017
Conc: 22.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.004 min
Response: 2965518
Conc: 24.43 ug/ml