

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039730.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 20:00
 Operator : YP\AJ
 Sample : 01084-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-2MS

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 04:16:45 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	5570348	36.273 ug/ml
Spiked Amount 50.000		Recovery =	72.55%
12) S 1-chlorooctadecane (S...	13.357	4619930	39.589 ug/ml
Spiked Amount 50.000		Recovery =	79.18%
Target Compounds			
1) T n-Nonane (C9)	3.314	2244424	17.682 ug/ml
2) T n-Decane (C10)	4.564	2443304	19.674 ug/ml
3) T A~Naphthalene (C11.7)	6.267	5567429	39.478 ug/ml
4) T n-Dodecane (C12)	6.727	2608428	20.747 ug/ml
5) T A~2-methylnaphthalene...	7.362	5505780	42.036 ug/ml
6) T n-Tetradecane (C14)	8.555	2803142	21.795 ug/ml
7) T n-Hexadecane (C16)	10.159	2924108	21.675 ug/ml
8) T n-Octadecane (C18)	11.602	2927978	20.895 ug/ml
10) T n-Eicosane (C20)	12.911	2733493	19.729 ug/ml
11) T n-Heneicosane (C21)	13.522	2618060	18.762 ug/ml
13) T n-Docosane (C22)	14.108	2584096	18.617 ug/ml
14) T n-Tetracosane (C24)	15.203	4172709	30.307 ug/mlm
15) T n-Hexacosane (C26)	16.234	2273299	17.033 ug/ml
16) T n-Octacosane (C28)	17.183	2249710	17.282 ug/ml
17) T n-Tricontane (C30)	18.072	2008405	15.749 ug/ml
18) T n-Dotriacontane (C32)	18.902	1951811	15.439 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2131758	17.252 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2352865	19.957 ug/mlm
21) T n-Octatriacontane (C38)	21.164	2511336	21.012 ug/mlm
22) T n-Tetracontane (C40)	22.072	2795710	23.035 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

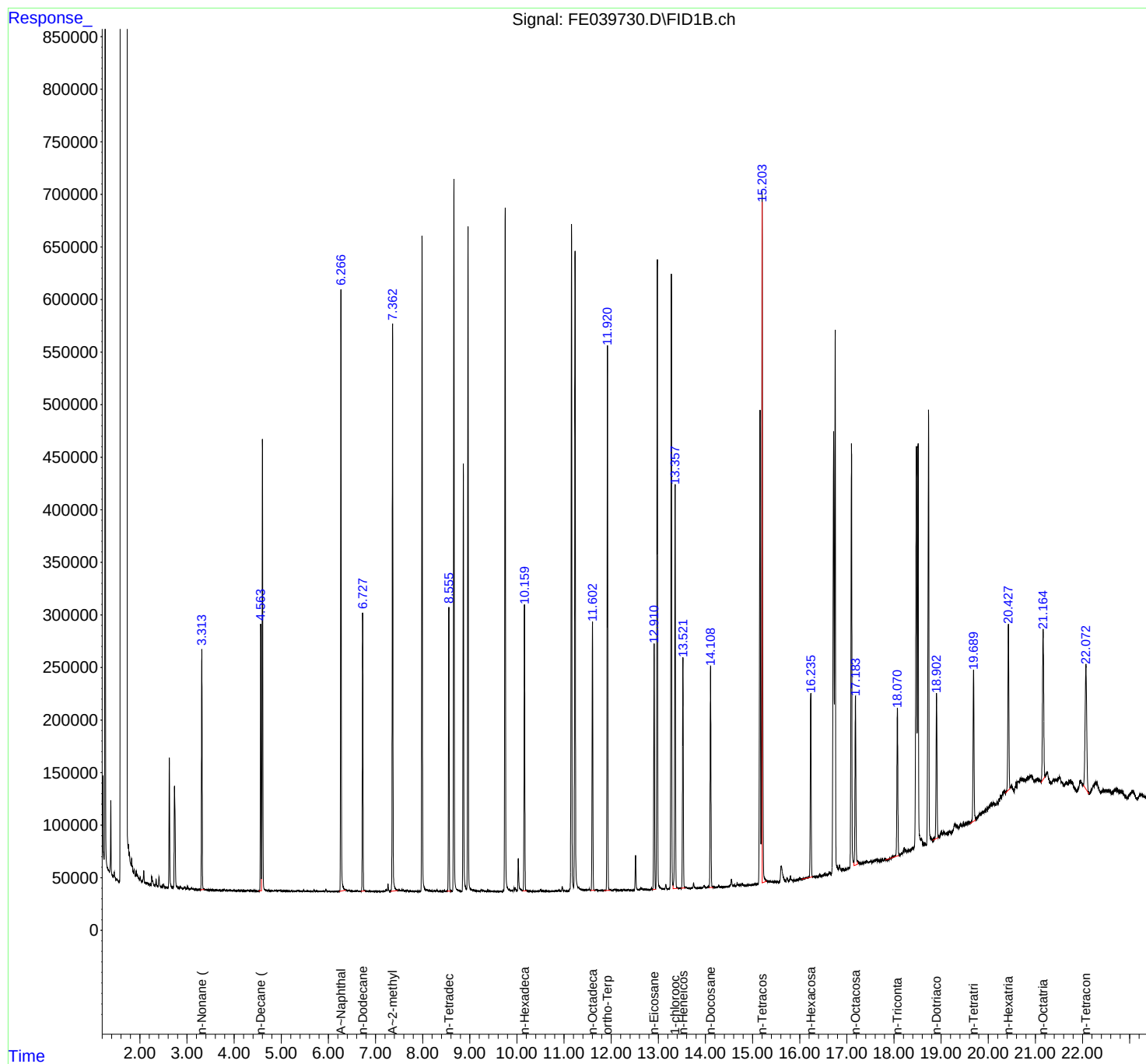
Instrument :
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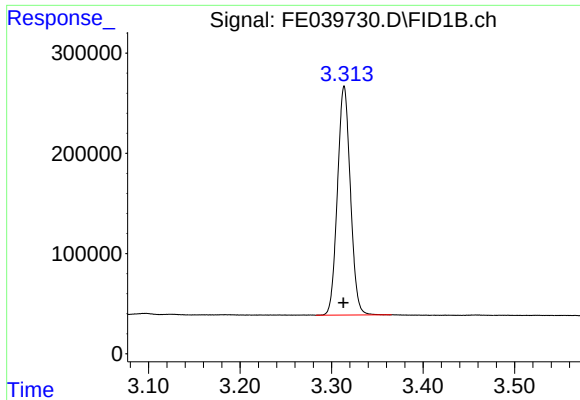
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2244424
Conc: 17.68 ug/ml

Instrument :

FID_E

ClientSampleId :

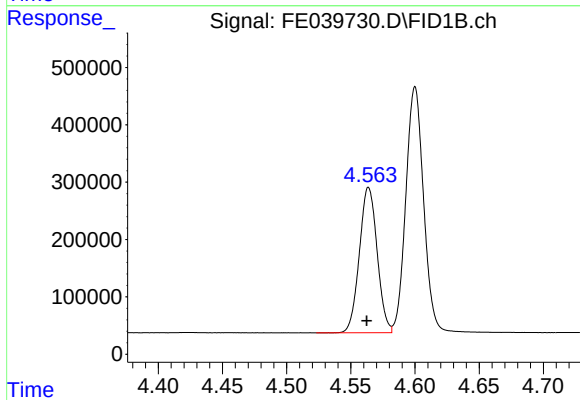
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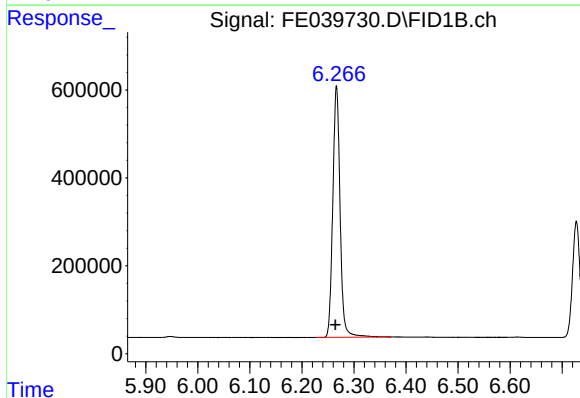
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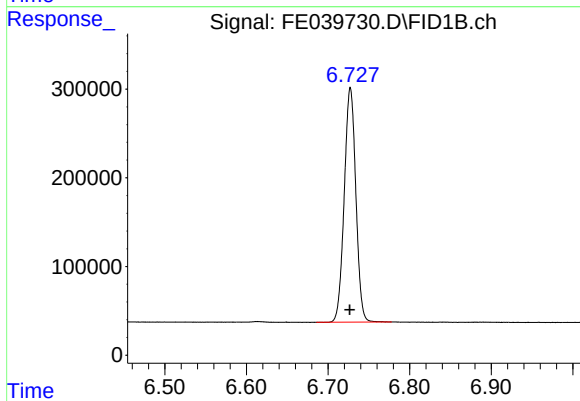
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 2443304
Conc: 19.67 ug/ml



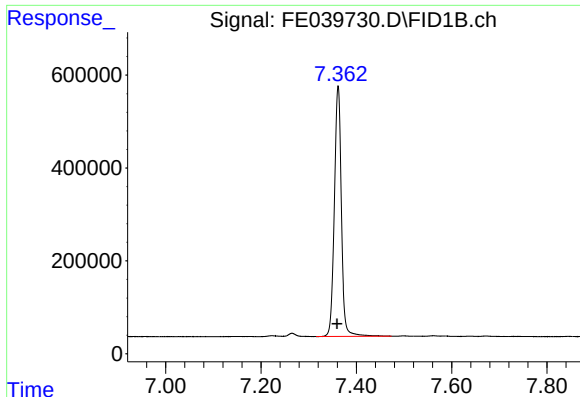
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 5567429
Conc: 39.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2608428
Conc: 20.75 ug/ml



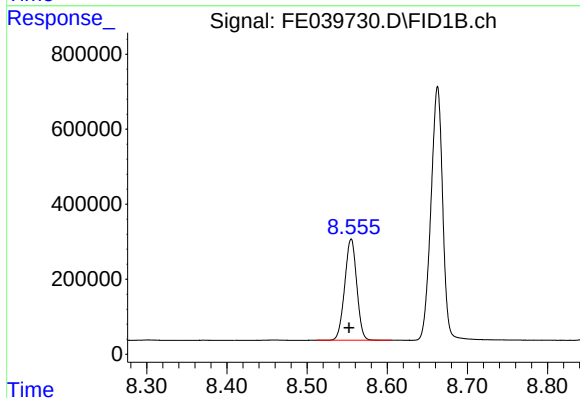
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: 0.003 min
Response: 5505780
Conc: 42.04 ug/ml

Instrument :
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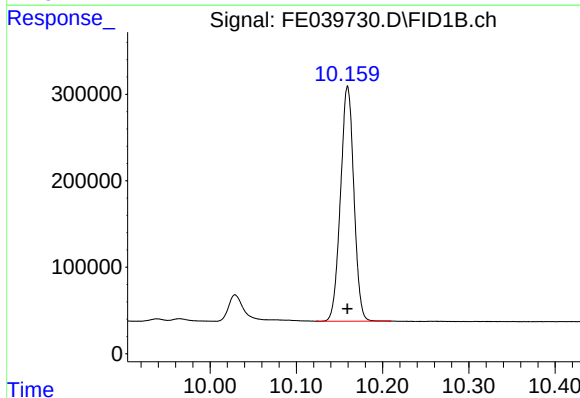
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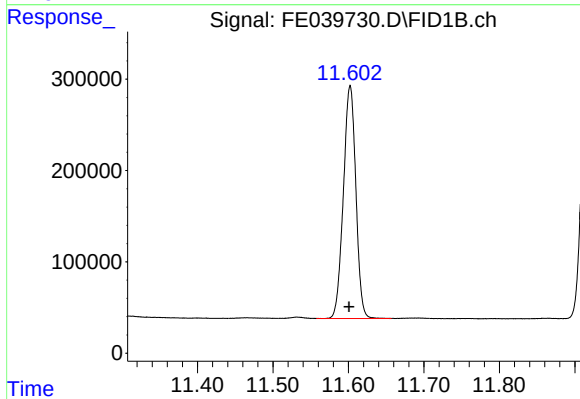
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.003 min
Response: 2803142
Conc: 21.79 ug/ml



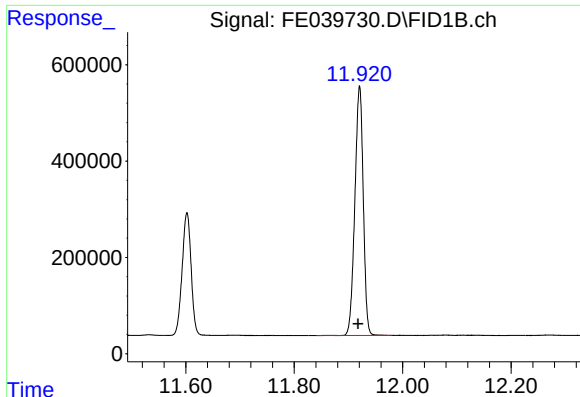
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 2924108
Conc: 21.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.002 min
Response: 2927978
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 5570348
Conc: 36.27 ug/ml

Instrument :

FID_E

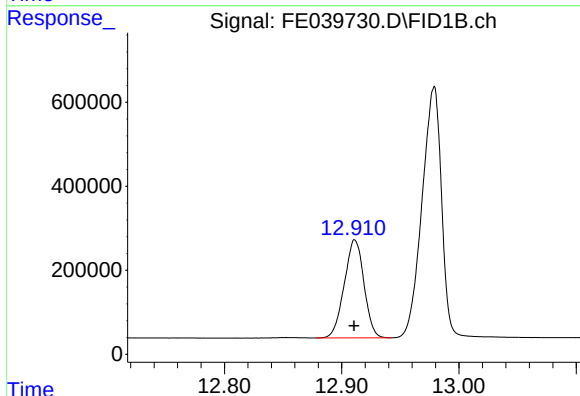
ClientSampleId :

MH-2MS

Manual Integrations

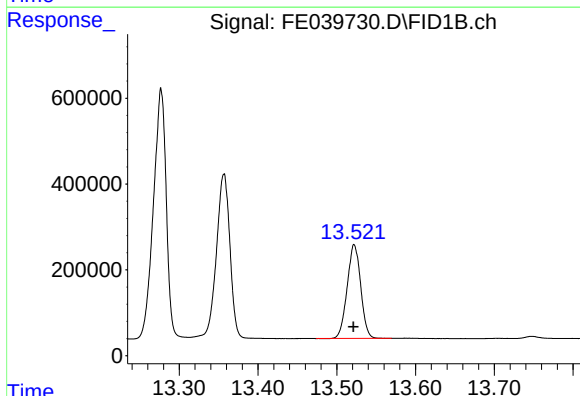
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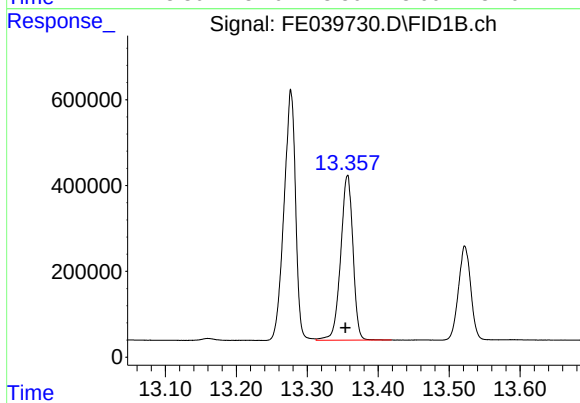
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 2733493
Conc: 19.73 ug/ml



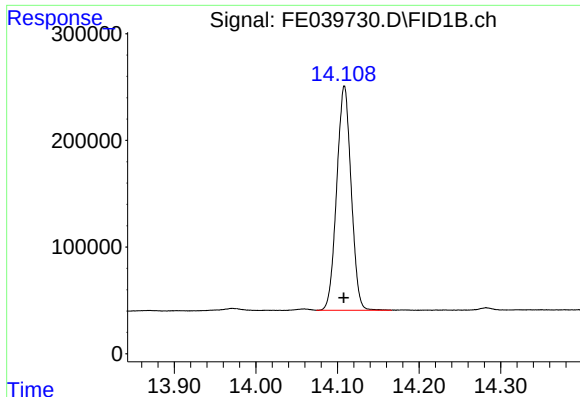
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2618060
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4619930
Conc: 39.59 ug/ml



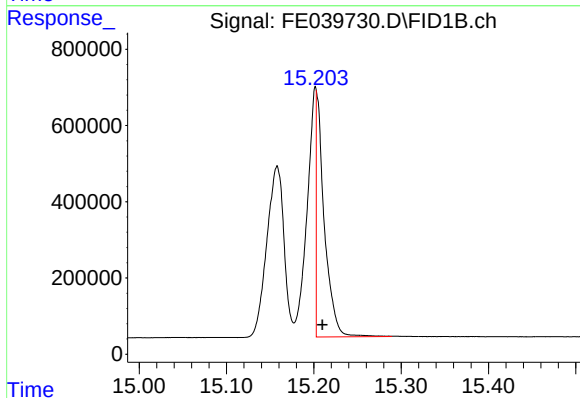
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2584096
Conc: 18.62 ug/ml

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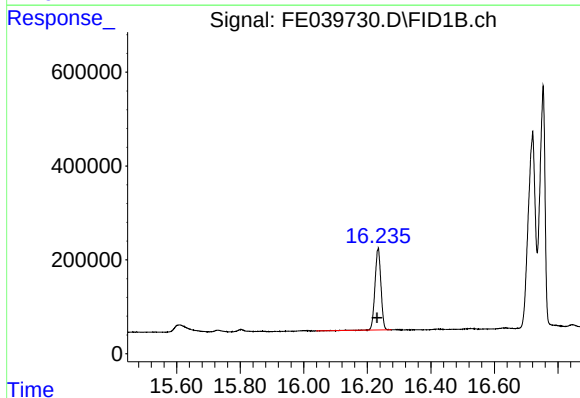
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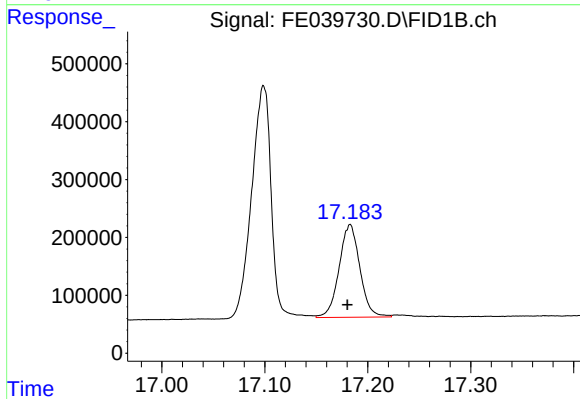
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.007 min
Response: 4172709
Conc: 30.31 ug/ml m



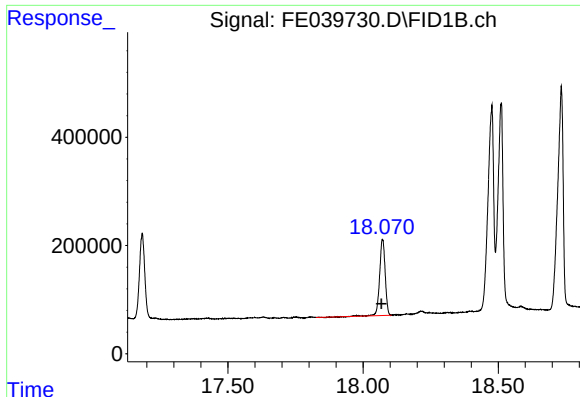
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.003 min
Response: 2273299
Conc: 17.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 2249710
Conc: 17.28 ug/ml



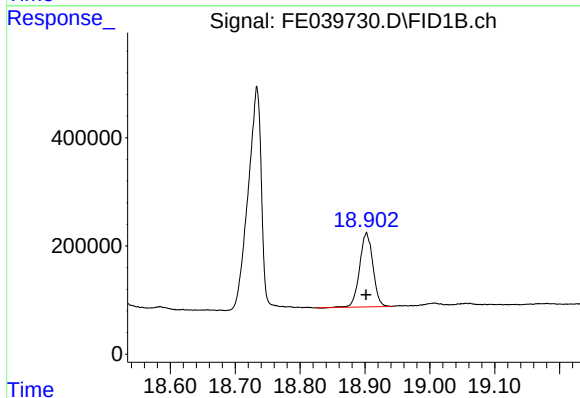
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2008405
Conc: 15.75 ug/ml

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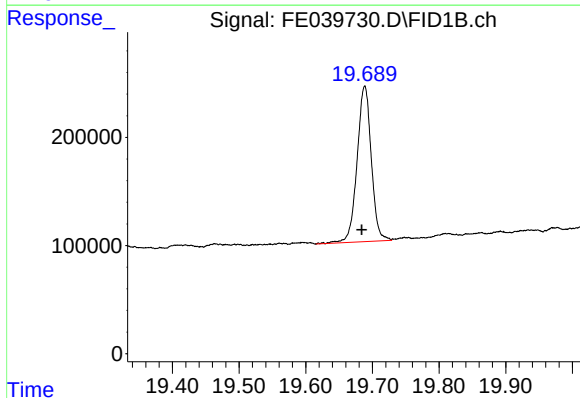
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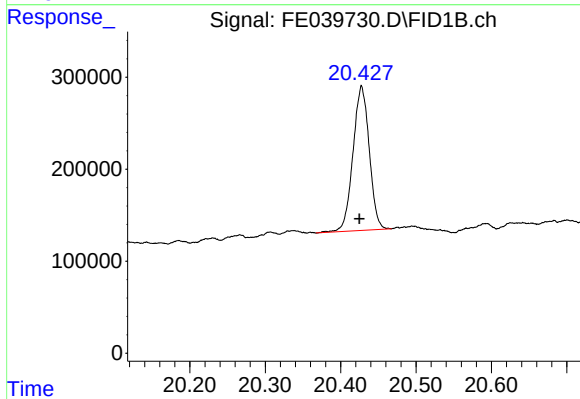
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 1951811
Conc: 15.44 ug/ml



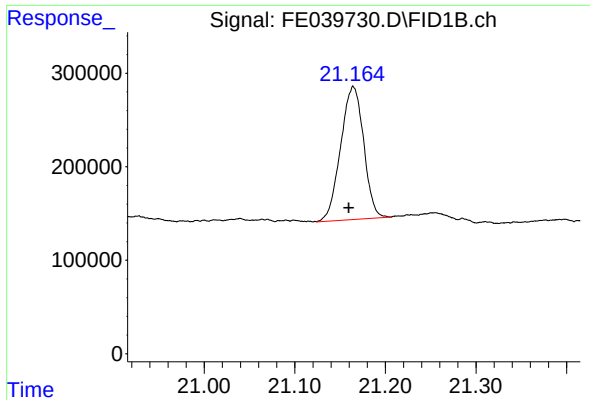
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.005 min
Response: 2131758
Conc: 17.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.002 min
Response: 2352865
Conc: 19.96 ug/ml m



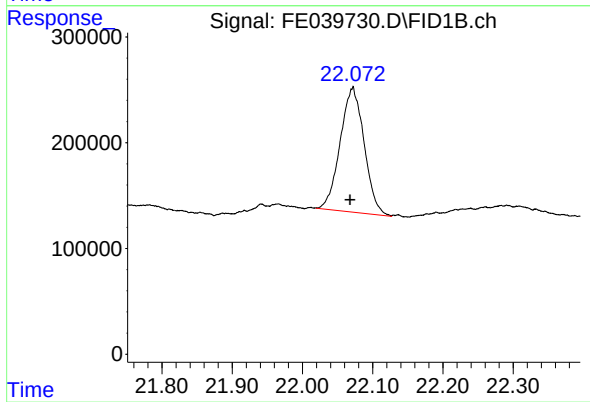
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.004 min
Response: 2511336
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.004 min
Response: 2795710
Conc: 23.04 ug/ml m