

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032223AL\
 Data File : FD045315.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2023 21:42
 Operator : YP/AJ
 Sample : 02020-21MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SP-3MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/23/2023

Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e

Quant Time: Mar 23 00:22:47 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 031523.M

Quant Title : GC Extractables

QLast Update : Thu Mar 16 04:53:16 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)	11.445	4523784	29.216 ug/ml
Spiked Amount 50.000		Recovery =	58.43%
12) S 1-chlorooctadecane (S...	12.878	3585468	31.987 ug/ml
Spiked Amount 50.000		Recovery =	63.97%
Target Compounds			
1) T n-Nonane (C9)	3.259	4069224	29.637 ug/ml
2) T n-Decane (C10)	4.319	4623843	34.185 ug/ml
3) T A~Naphthalene (C11.7)	5.886	5338362	34.073 ug/ml
4) T n-Dodecane (C12)	6.326	5130878	37.481 ug/ml
5) T A~2-methylnaphthalene...	6.936	5306735	36.223 ug/ml
6) T n-Tetradecane (C14)	8.113	5426867	39.431 ug/ml
7) T n-Hexadecane (C16)	9.704	5865222	41.634 ug/ml
8) T n-Octadecane (C18)	11.138	5876616	41.261 ug/ml
10) T n-Eicosane (C20)	12.440	5893568	43.228 ug/ml
11) T n-Heneicosane (C21)	13.047	5671073	41.555 ug/ml
13) T n-Docosane (C22)	13.631	5568606	41.538 ug/ml
14) T n-Tetracosane (C24)	14.725	5454537	41.910 ug/ml
15) T n-Hexacosane (C26)	15.741	5304776	42.437 ug/ml
16) T n-Octacosane (C28)	16.683	5130310	42.211 ug/ml
17) T n-Tricontane (C30)	17.565	5099487	42.962 ug/ml
18) T n-Dotriacontane (C32)	18.390	4951590	42.016 ug/ml
19) T n-Tetratriacontane (C34)	19.168	4866958	42.318 ug/ml
20) T n-Hexatriacontane (C36)	19.902	4617333	42.920 ug/ml
21) T n-Octatriacontane (C38)	20.606	4503084	43.374 ug/ml
22) T n-Tetracontane (C40)	21.442	4271785	43.165 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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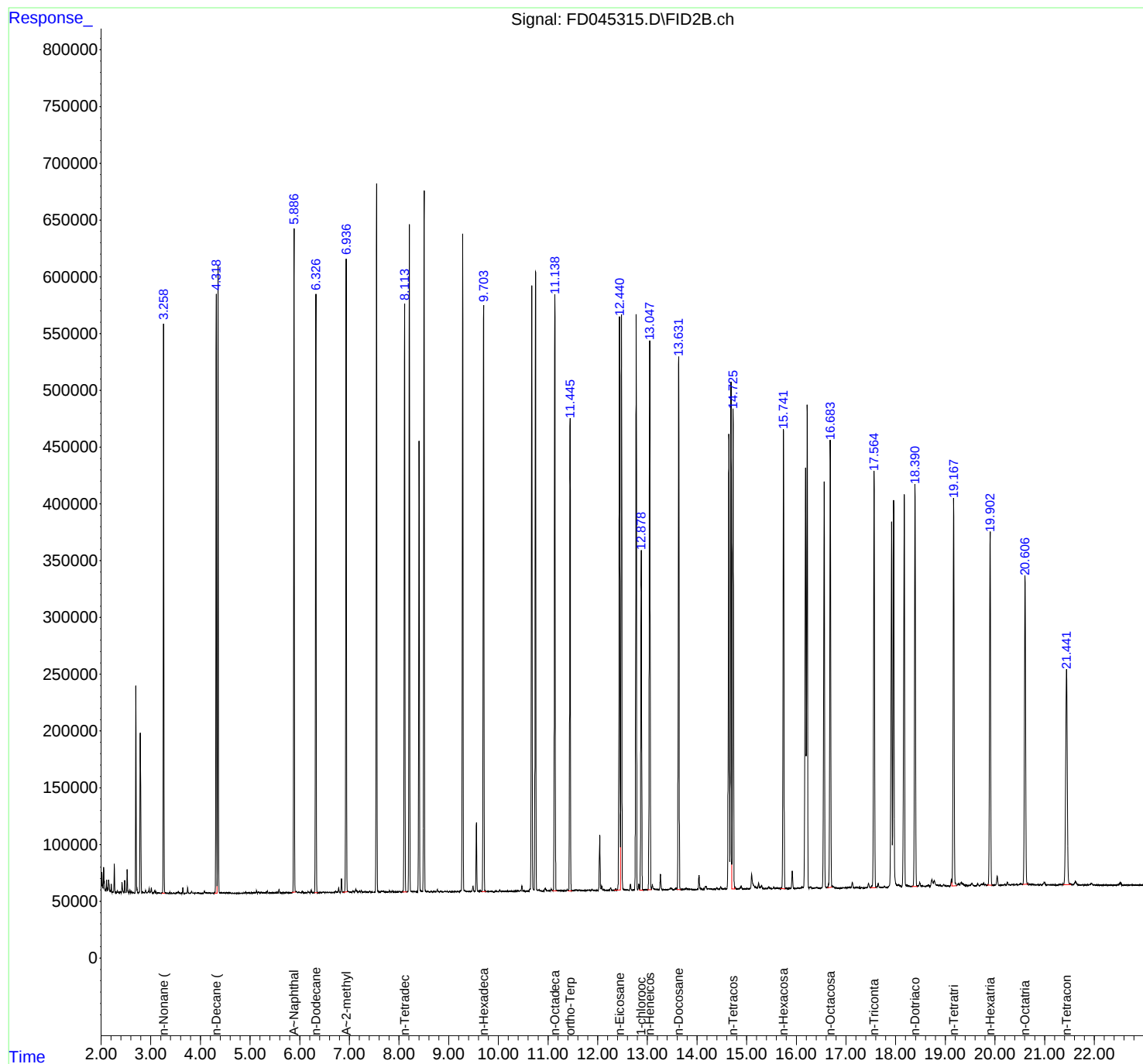
Instrument :
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SP-3MSD

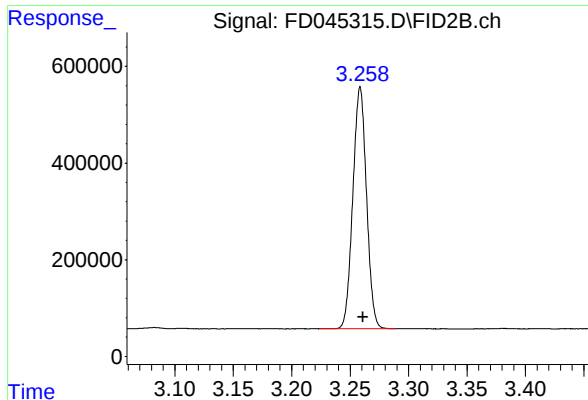
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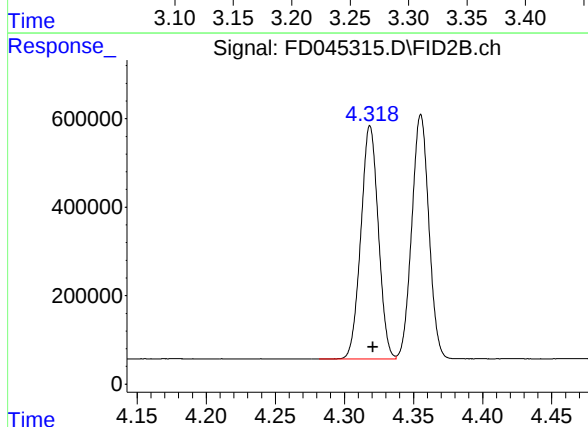
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.002 min
Response: 4069224
Conc: 29.64 ug/ml

Instrument :
FID_D
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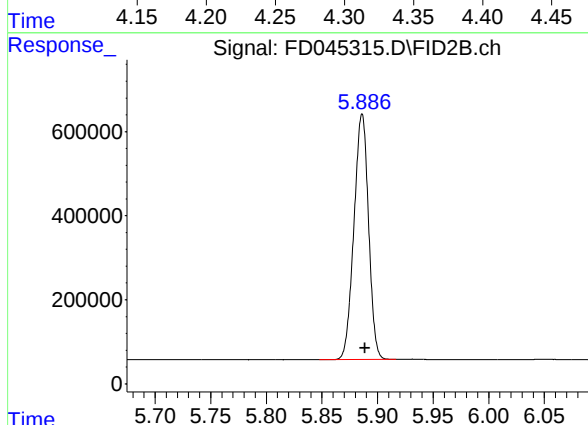
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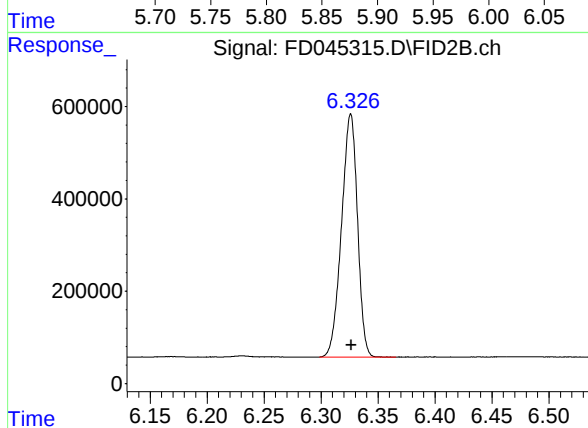
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 4623843
Conc: 34.19 ug/ml



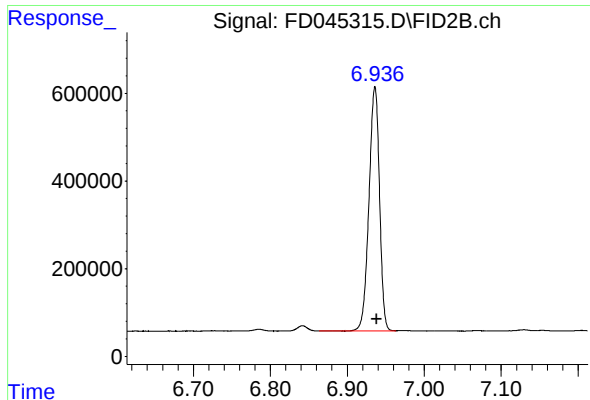
#3 A~Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 5338362
Conc: 34.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 5130878
Conc: 37.48 ug/ml



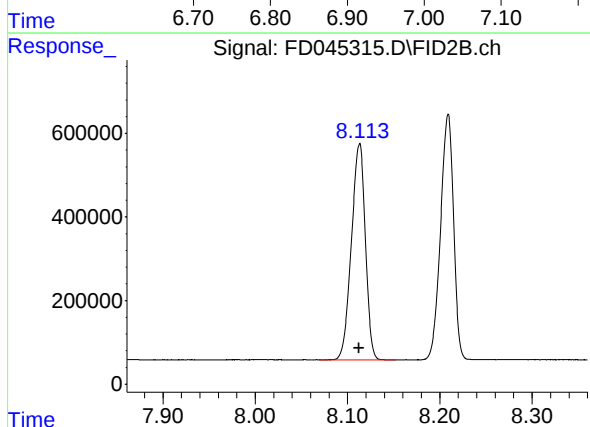
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 5306735
Conc: 36.22 ug/ml

Instrument :
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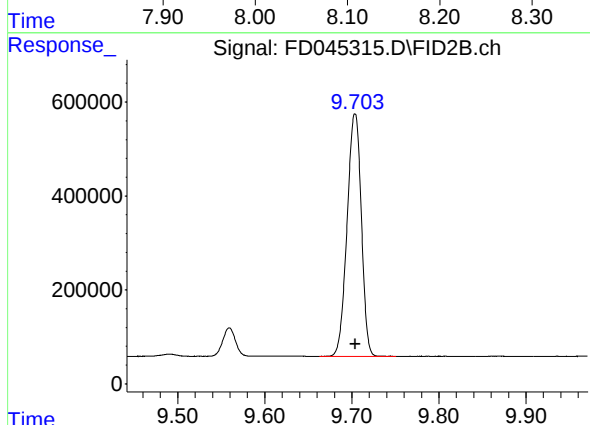
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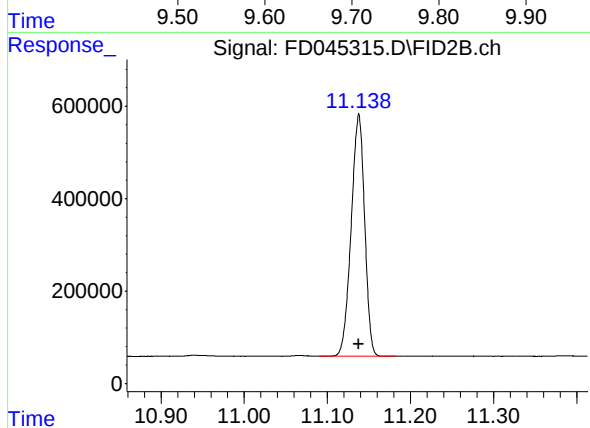
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 5426867
Conc: 39.43 ug/ml



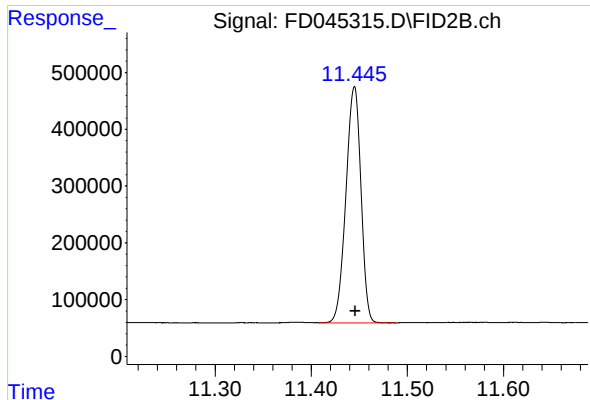
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 5865222
Conc: 41.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 5876616
Conc: 41.26 ug/ml



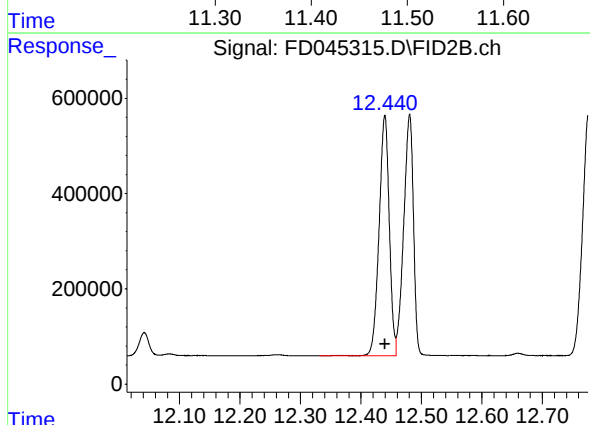
#9 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 4523784
Conc: 29.22 ug/ml

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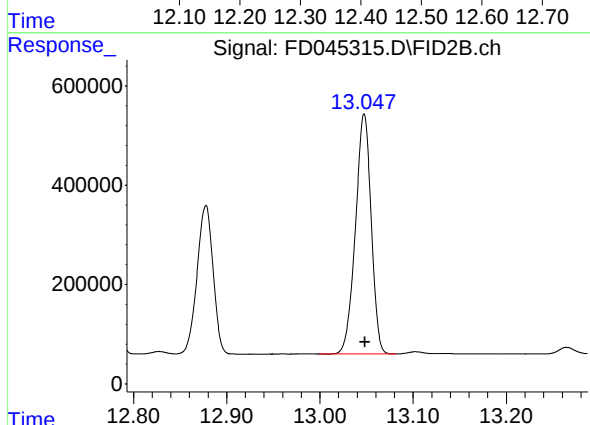
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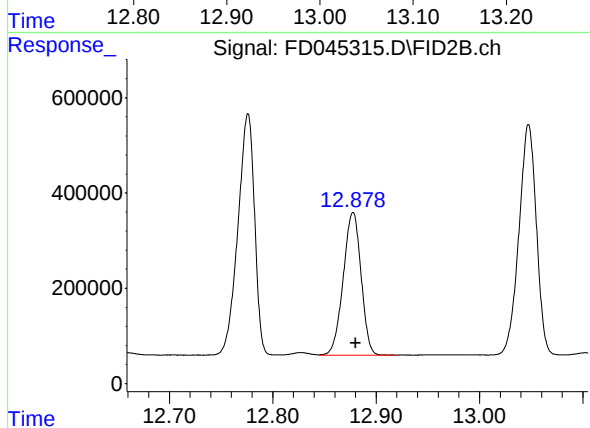
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: 0.000 min
Response: 5893568
Conc: 43.23 ug/ml



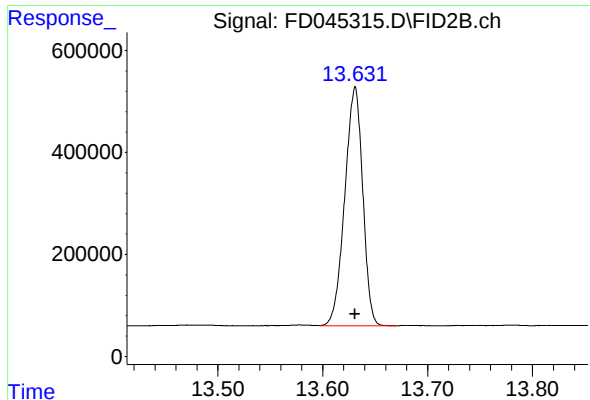
#11 n-Heneicosane (C21)

R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 5671073
Conc: 41.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.878 min
Delta R.T.: -0.002 min
Response: 3585468
Conc: 31.99 ug/ml



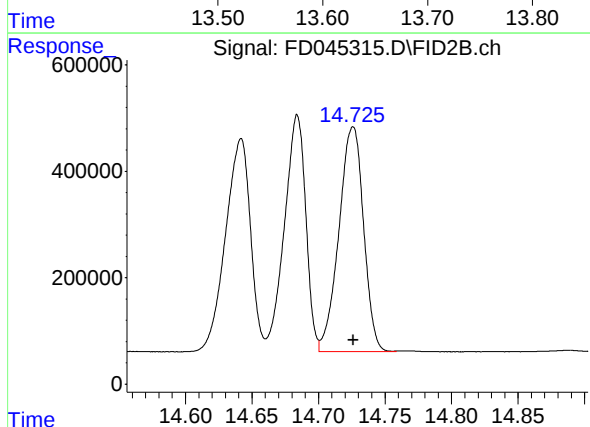
#13 n-Docosane (C22)

R.T.: 13.631 min
Delta R.T.: 0.000 min
Response: 5568606
Conc: 41.54 ug/ml

Instrument :
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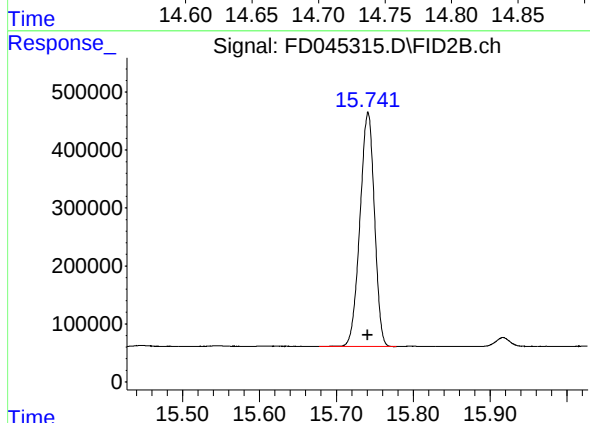
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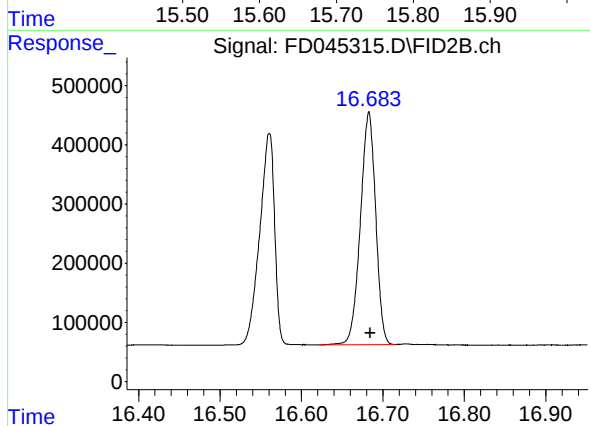
#14 n-Tetracosane (C24)

R.T.: 14.725 min
Delta R.T.: 0.000 min
Response: 5454537
Conc: 41.91 ug/ml



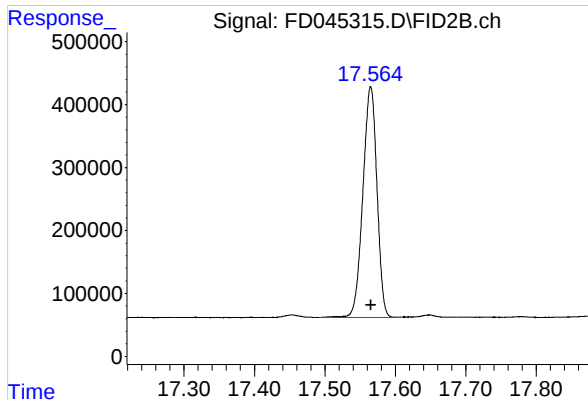
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 5304776
Conc: 42.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.683 min
Delta R.T.: -0.001 min
Response: 5130310
Conc: 42.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.565 min
Delta R.T.: 0.000 min
Response: 5099487
Conc: 42.96 ug/ml

Instrument :

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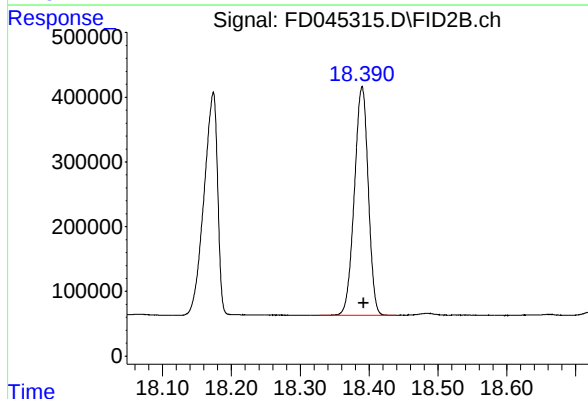
ClientSampleId :

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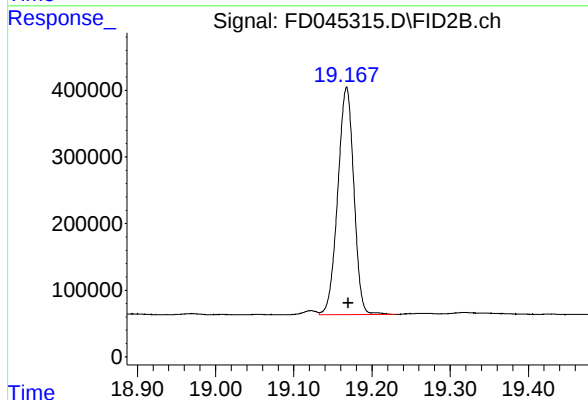
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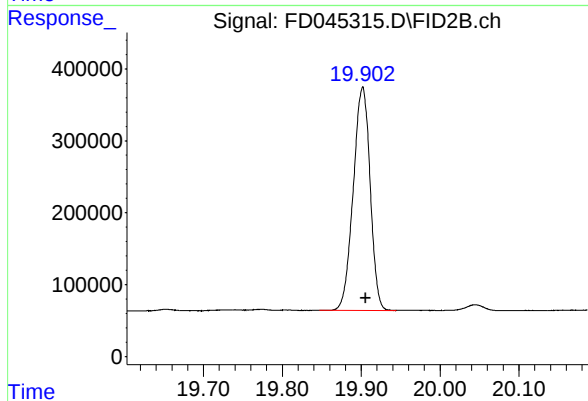
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: -0.002 min
Response: 4951590
Conc: 42.02 ug/ml



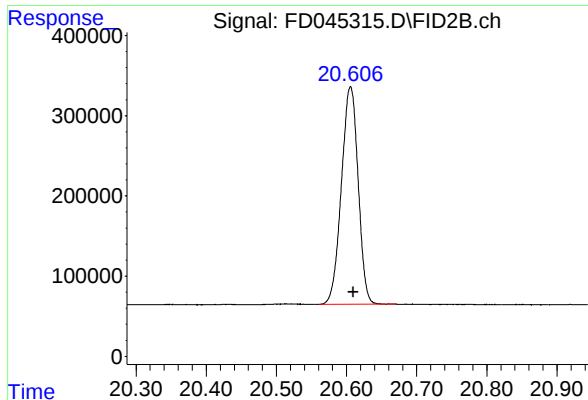
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.002 min
Response: 4866958
Conc: 42.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: -0.004 min
Response: 4617333
Conc: 42.92 ug/ml



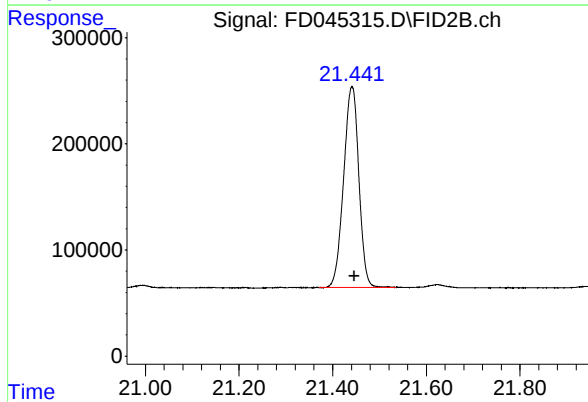
#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.004 min
Response: 4503084
Conc: 43.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.442 min
Delta R.T.: -0.004 min
Response: 4271785
Conc: 43.16 ug/ml