

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032223AL\
 Data File : FD045314.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2023 20:46
 Operator : YP/AJ
 Sample : 02020-21MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SP-3MS

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 00:22:40 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)	11.447	4214260	27.217 ug/ml
Spiked Amount 50.000		Recovery =	54.43%
12) S 1-chlorooctadecane (S...	12.880	3330987	29.716 ug/ml
Spiked Amount 50.000		Recovery =	59.43%
Target Compounds			
1) T n-Nonane (C9)	3.261	3816725	27.798 ug/ml
2) T n-Decane (C10)	4.321	4331757	32.026 ug/ml
3) T A~Naphthalene (C11.7)	5.888	5004347	31.941 ug/ml
4) T n-Dodecane (C12)	6.327	4810438	35.140 ug/ml
5) T A~2-methylnaphthalene...	6.938	4977959	33.979 ug/ml
6) T n-Tetradecane (C14)	8.114	5078647	36.900 ug/ml
7) T n-Hexadecane (C16)	9.706	5482256	38.915 ug/ml
8) T n-Octadecane (C18)	11.140	5494308	38.577 ug/ml
10) T n-Eicosane (C20)	12.442	5490957	40.275 ug/ml
11) T n-Heneicosane (C21)	13.050	5270322	38.618 ug/ml
13) T n-Docosane (C22)	13.633	5177484	38.621 ug/ml
14) T n-Tetracosane (C24)	14.727	5060347	38.881 ug/ml
15) T n-Hexacosane (C26)	15.743	4906257	39.249 ug/ml
16) T n-Octacosane (C28)	16.685	4728357	38.903 ug/ml
17) T n-Tricontane (C30)	17.567	4702352	39.616 ug/ml
18) T n-Dotriacontane (C32)	18.392	4562632	38.716 ug/ml
19) T n-Tetratriacontane (C34)	19.169	4484649	38.994 ug/ml
20) T n-Hexatriacontane (C36)	19.903	4223937	39.263 ug/ml
21) T n-Octatriacontane (C38)	20.608	4015805	38.680 ug/ml
22) T n-Tetracontane (C40)	21.444	3608240	36.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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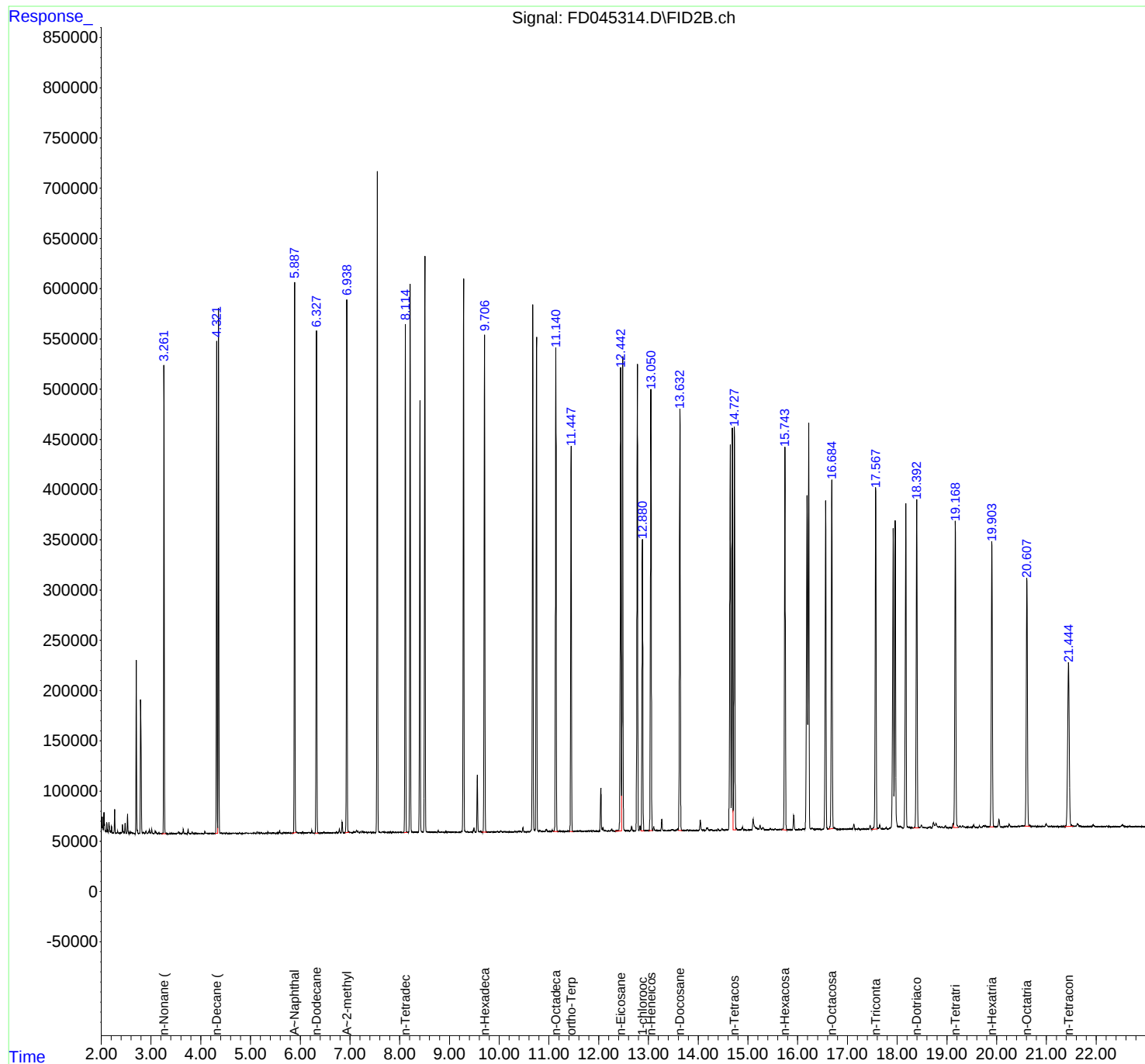
Instrument :
FID_D
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SP-3MS

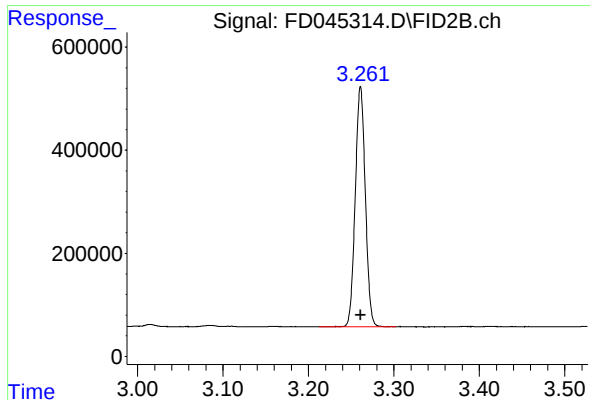
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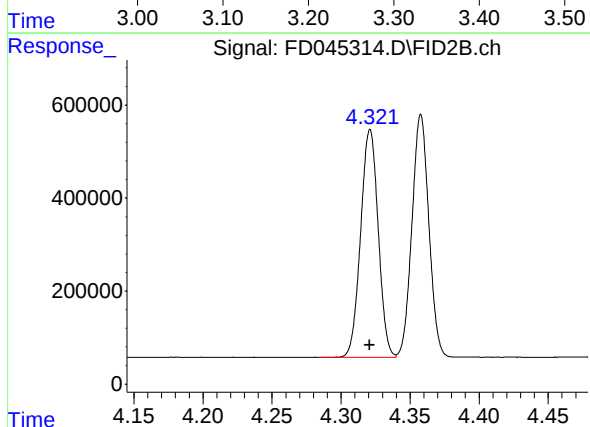
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 3816725
Conc: 27.80 ug/ml

Instrument :
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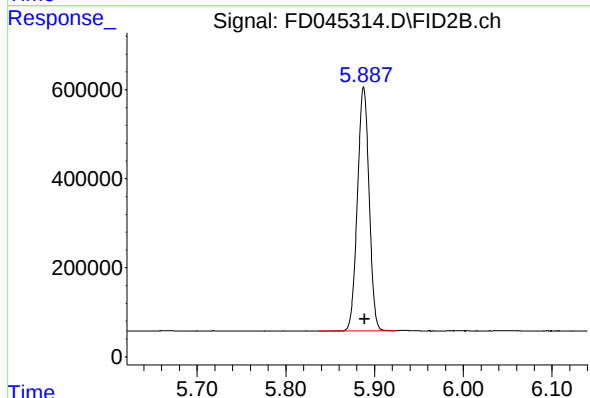
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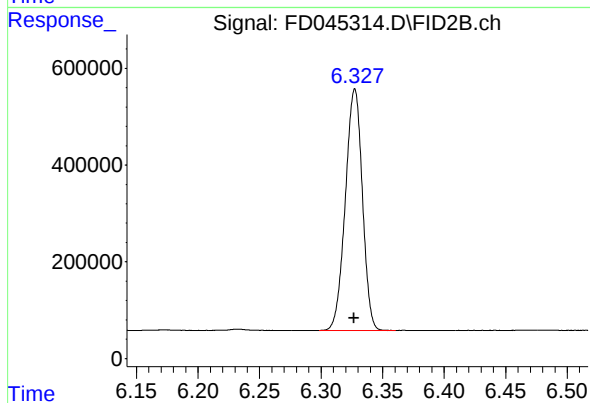
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 4331757
Conc: 32.03 ug/ml



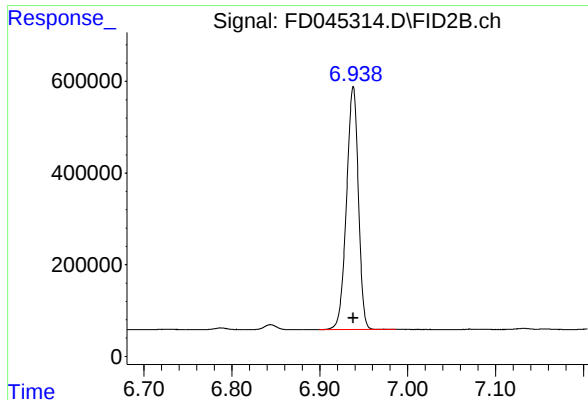
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 5004347
Conc: 31.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 4810438
Conc: 35.14 ug/ml



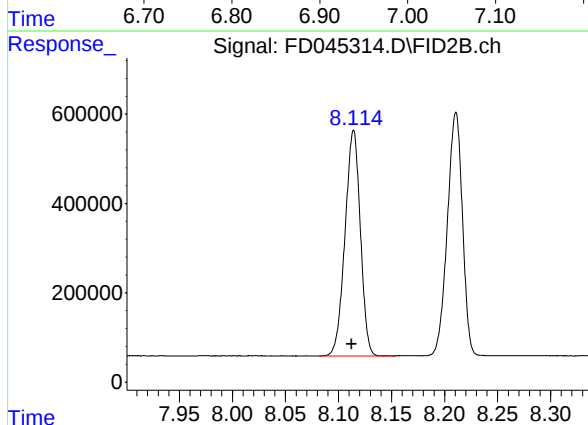
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 4977959
Conc: 33.98 ug/ml

Instrument :
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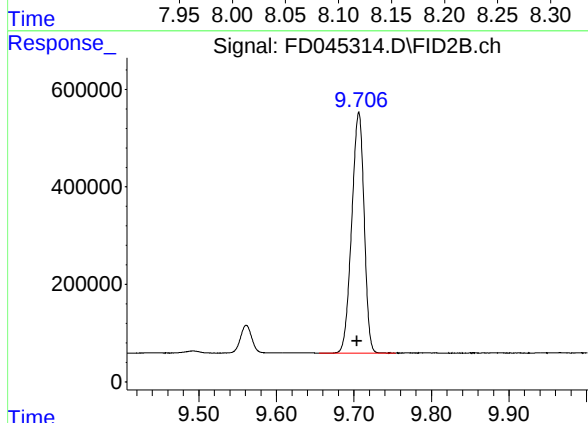
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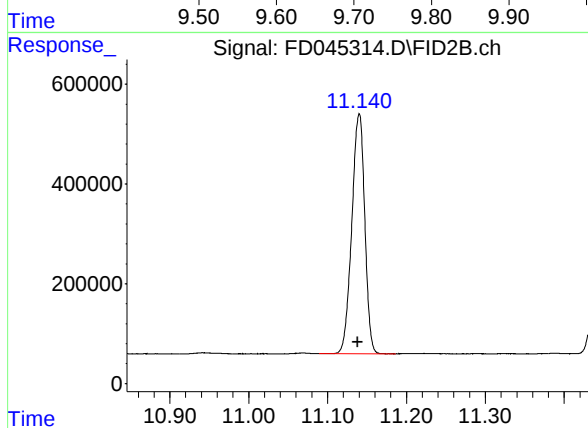
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 5078647
Conc: 36.90 ug/ml



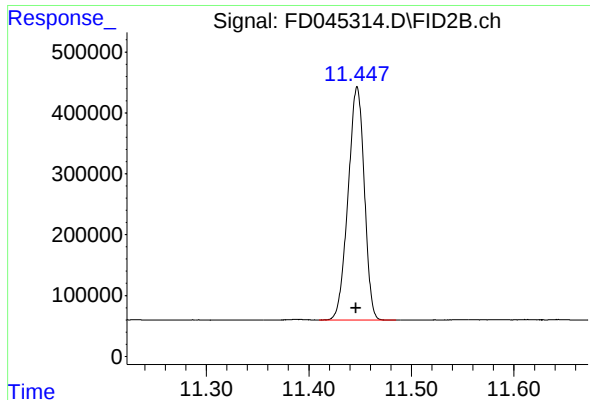
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: 0.003 min
Response: 5482256
Conc: 38.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: 0.002 min
Response: 5494308
Conc: 38.58 ug/ml



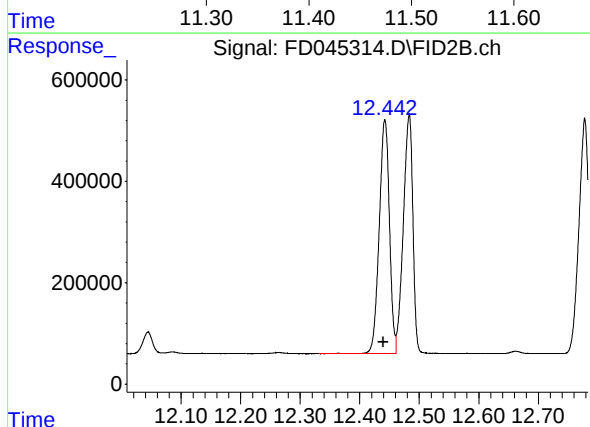
#9 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.001 min
Response: 4214260
Conc: 27.22 ug/ml

Instrument :
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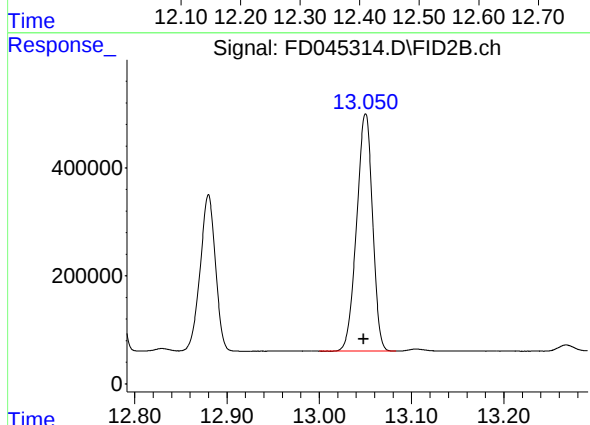
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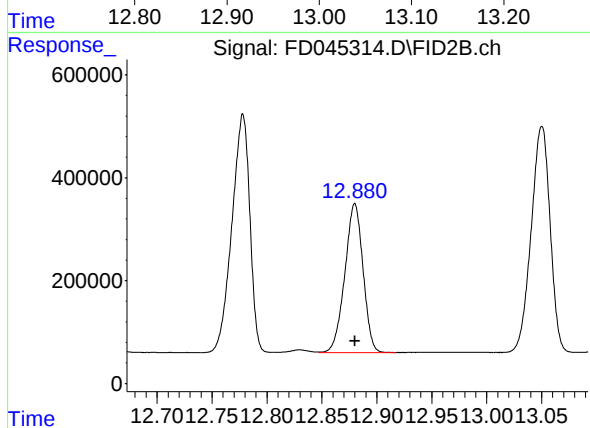
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: 0.002 min
Response: 5490957
Conc: 40.28 ug/ml



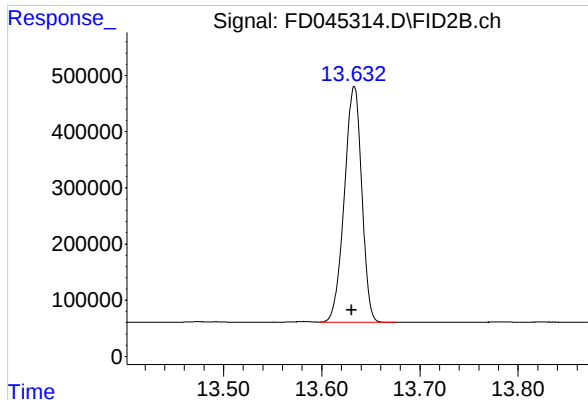
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: 0.002 min
Response: 5270322
Conc: 38.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: 0.000 min
Response: 3330987
Conc: 29.72 ug/ml



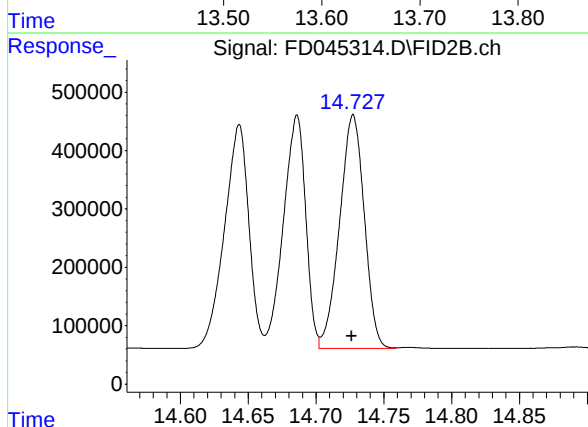
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: 0.003 min
Response: 5177484
Conc: 38.62 ug/ml

Instrument :
FID_D
ClientSampleId :
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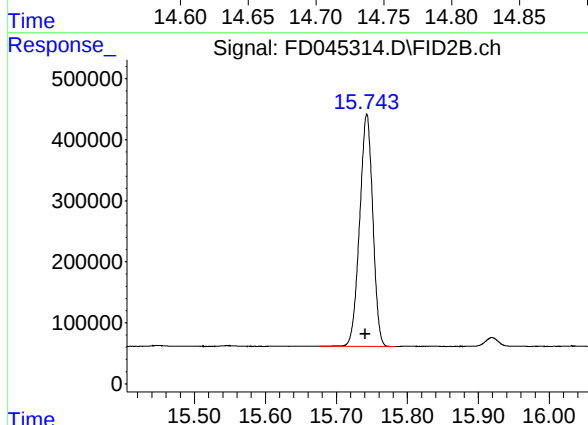
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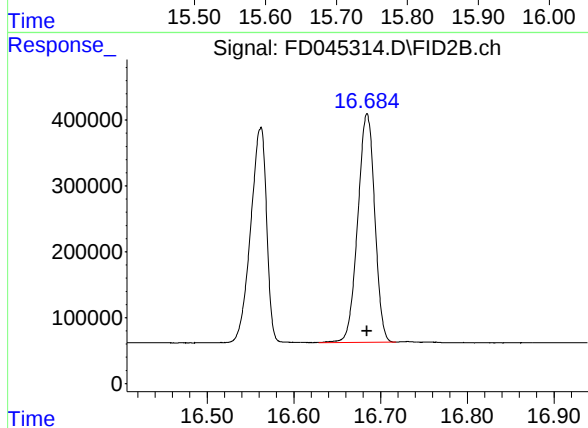
#14 n-Tetracosane (C24)

R.T.: 14.727 min
Delta R.T.: 0.000 min
Response: 5060347
Conc: 38.88 ug/ml



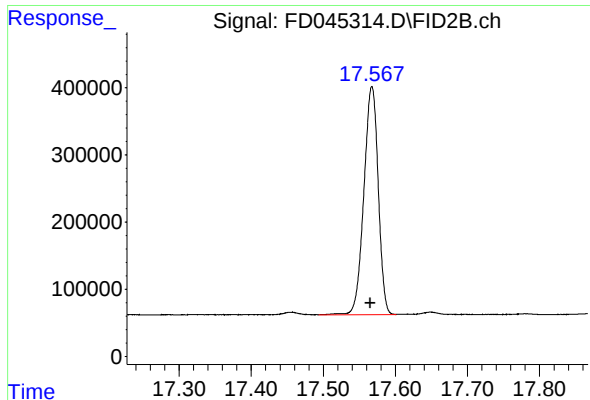
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: 0.002 min
Response: 4906257
Conc: 39.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.685 min
Delta R.T.: 0.000 min
Response: 4728357
Conc: 38.90 ug/ml



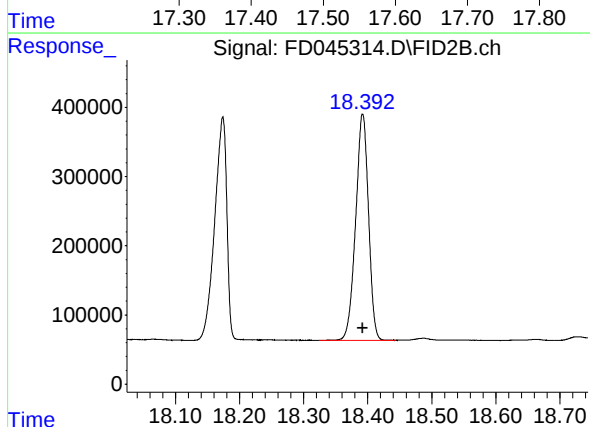
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: 0.002 min
Response: 4702352
Conc: 39.62 ug/ml

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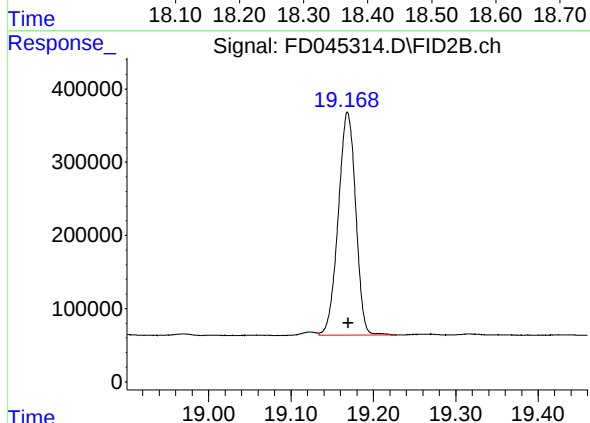
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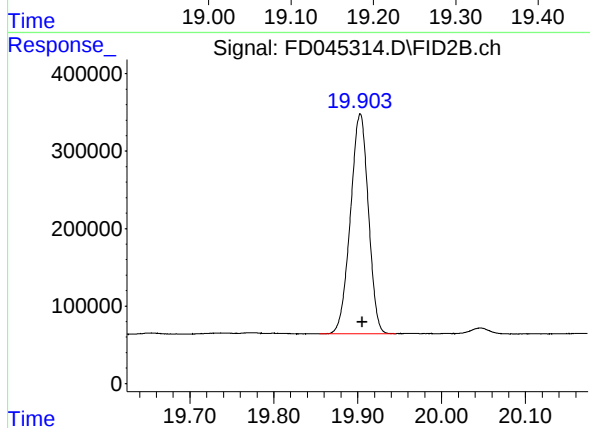
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: 0.000 min
Response: 4562632
Conc: 38.72 ug/ml



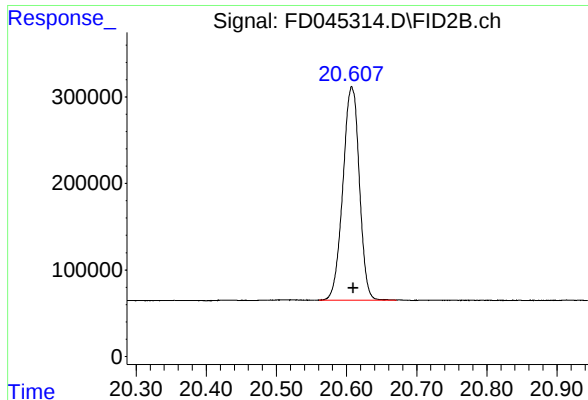
#19 n-Tetatriacontane (C34)

R.T.: 19.169 min
Delta R.T.: 0.000 min
Response: 4484649
Conc: 38.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.903 min
Delta R.T.: -0.003 min
Response: 4223937
Conc: 39.26 ug/ml



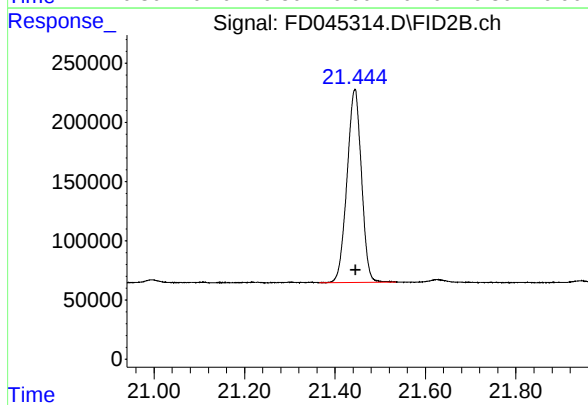
#21 n-Octatriacontane (C38)

R.T.: 20.608 min
Delta R.T.: -0.002 min
Response: 4015805
Conc: 38.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.444 min
Delta R.T.: -0.002 min
Response: 3608240
Conc: 36.46 ug/ml