

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071423AL\
 Data File : FF013070.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2023 19:39
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :Ankita Jodhani 07/17/2023

Integration File: autoint1.e
 Quant Time: Jul 15 01:50:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:49:51 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)	10.857	1616633	9.091 ug/ml
Spiked Amount 50.000		Recovery =	18.18%
12) S 1-chlorooctadecane (S...	12.290	1218181	9.035 ug/ml
Spiked Amount 50.000		Recovery =	18.07%
Target Compounds			
1) T n-Nonane (C9)	2.735	1154256	8.753 ug/ml
2) T n-Decane (C10)	3.739	1153726	8.593 ug/ml
3) T A~Naphthalene (C11.7)	5.315	1186624	8.186 ug/ml
4) T n-Dodecane (C12)	5.720	1252868	8.899 ug/ml
5) T A~2-methylnaphthalene...	6.374	990242	7.460 ug/mlm
6) T n-Tetradecane (C14)	7.508	1226415	8.734 ug/ml
7) T n-Hexadecane (C16)	9.104	1289267	8.725 ug/ml
8) T n-Octadecane (C18)	10.538	1387739	8.949 ug/ml
10) T n-Eicosane (C20)	11.843	1407976	9.149 ug/ml
11) T n-Heneicosane (C21)	12.453	1409628	9.215 ug/ml
13) T n-Docosane (C22)	13.038	1396806	9.092 ug/ml
14) T n-Tetracosane (C24)	14.137	1411139	9.111 ug/ml
15) T n-Hexacosane (C26)	15.155	1389282	9.092 ug/ml
16) T n-Octacosane (C28)	16.102	1367427	9.148 ug/ml
17) T n-Tricontane (C30)	16.986	1425261	9.439 ug/ml
18) T n-Dotriacontane (C32)	17.816	1409050	9.650 ug/ml
19) T n-Tetratriacontane (C34)	18.598	1291088	9.474 ug/ml
20) T n-Hexatriacontane (C36)	19.336	1212334	9.475 ug/mlm
21) T n-Octatriacontane (C38)	20.061	1083068	9.066 ug/ml
22) T n-Tetracontane (C40)	20.947	945770	8.621 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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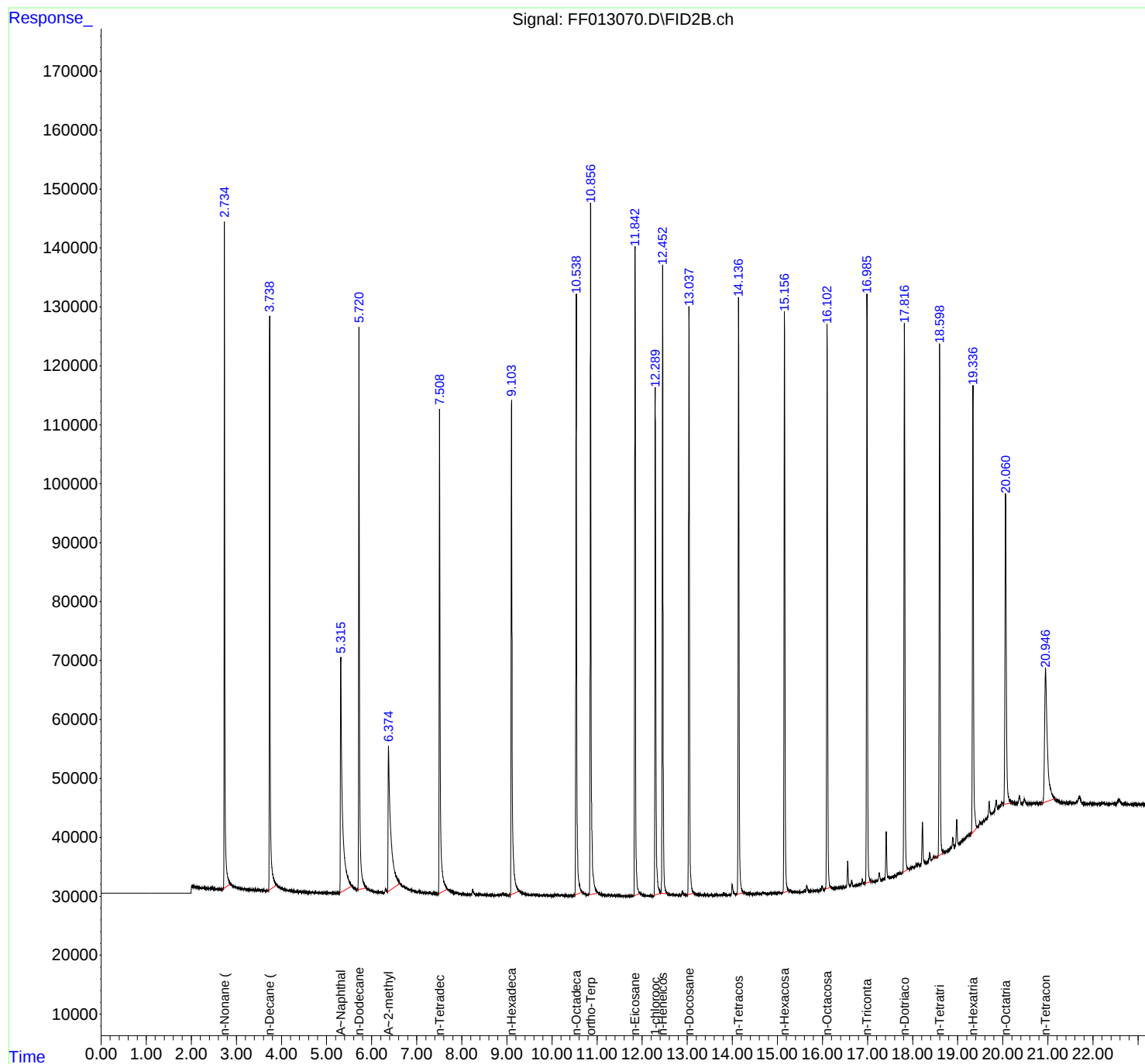
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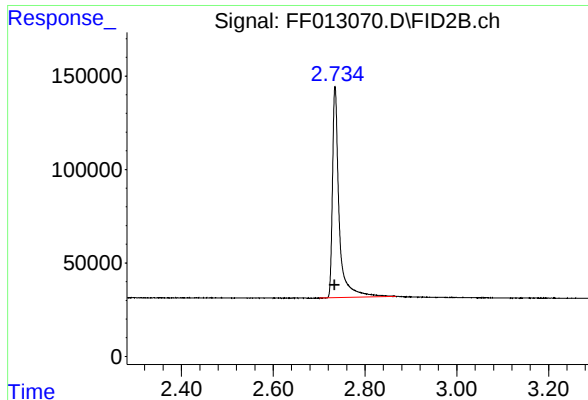
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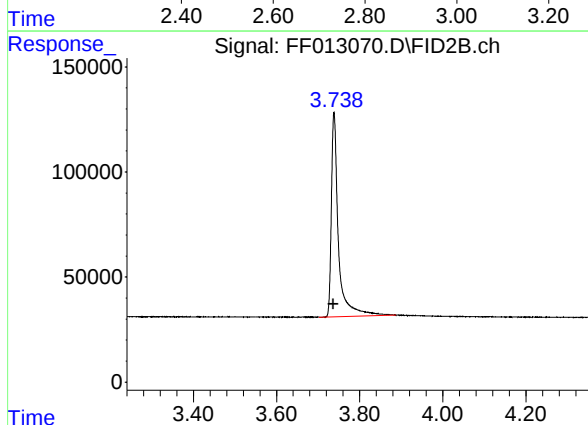
#1 n-Nonane (C9)

R.T.: 2.735 min
Delta R.T.: 0.000 min
Response: 1154256
Conc: 8.75 ug/ml

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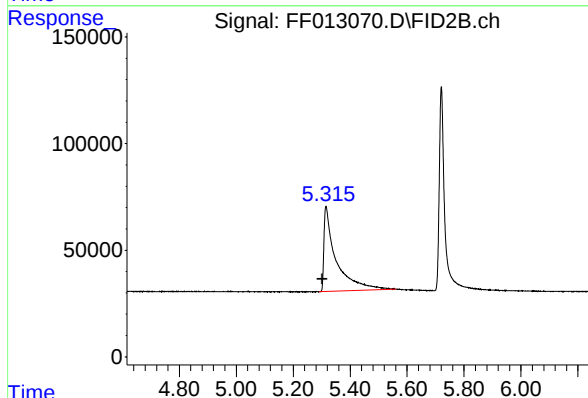
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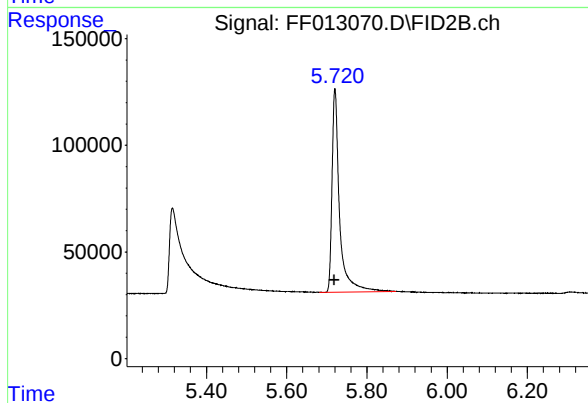
#2 n-Decane (C10)

R.T.: 3.739 min
Delta R.T.: 0.001 min
Response: 1153726
Conc: 8.59 ug/ml



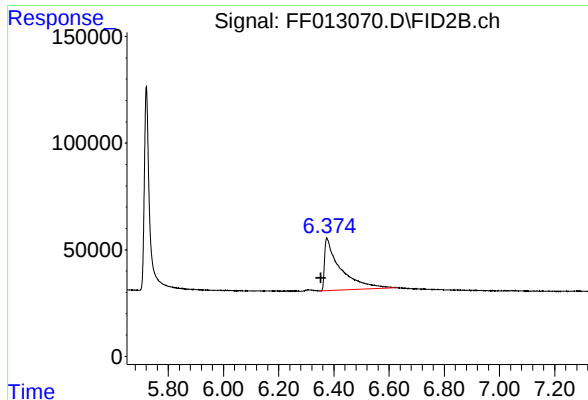
#3 A~Naphthalene (C11.7)

R.T.: 5.315 min
Delta R.T.: 0.013 min
Response: 1186624
Conc: 8.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 1252868
Conc: 8.90 ug/ml



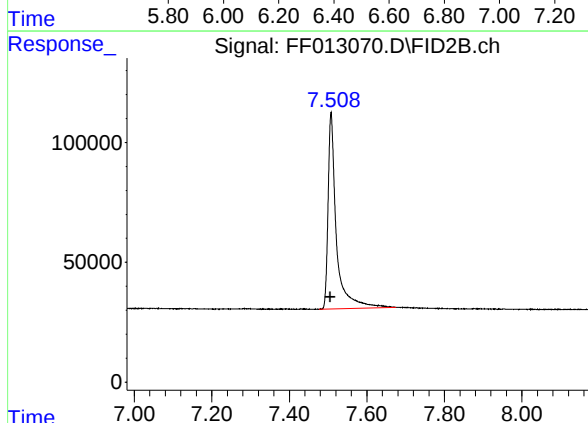
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.374 min
Delta R.T.: 0.020 min
Response: 990242
Conc: 7.46 ug/ml

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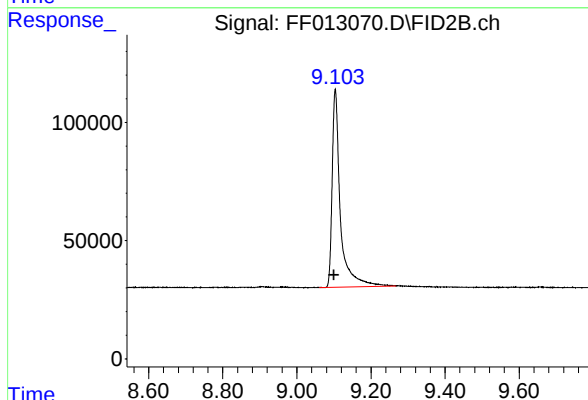
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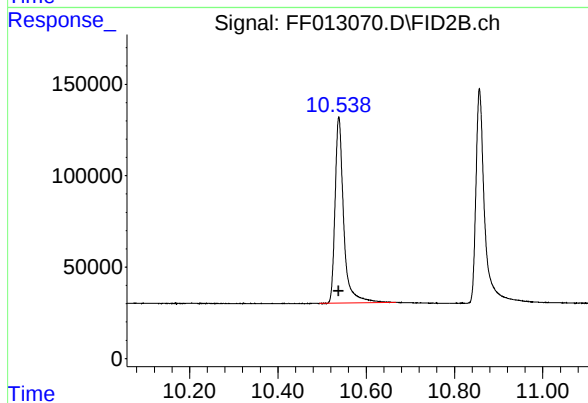
#6 n-Tetradecane (C14)

R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 1226415
Conc: 8.73 ug/ml



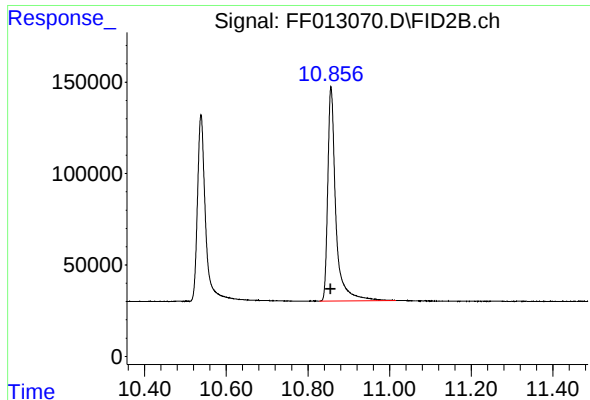
#7 n-Hexadecane (C16)

R.T.: 9.104 min
Delta R.T.: 0.003 min
Response: 1289267
Conc: 8.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.538 min
Delta R.T.: 0.000 min
Response: 1387739
Conc: 8.95 ug/ml



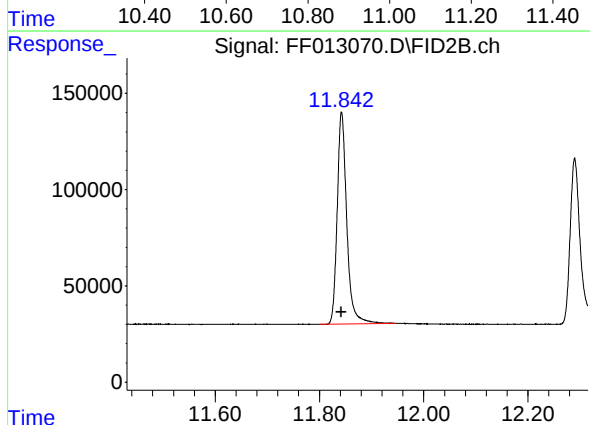
#9 ortho-Terphenyl (SURR)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 1616633
Conc: 9.09 ug/ml

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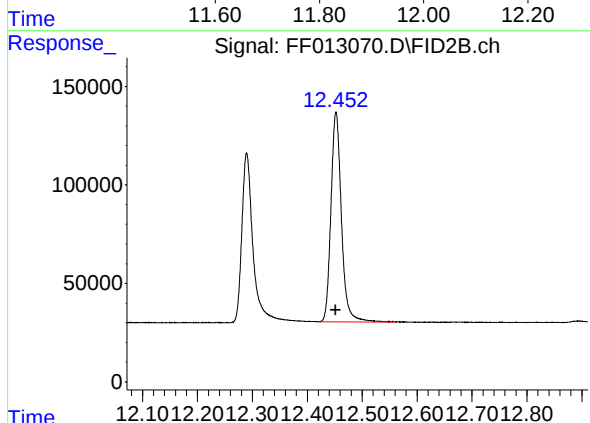
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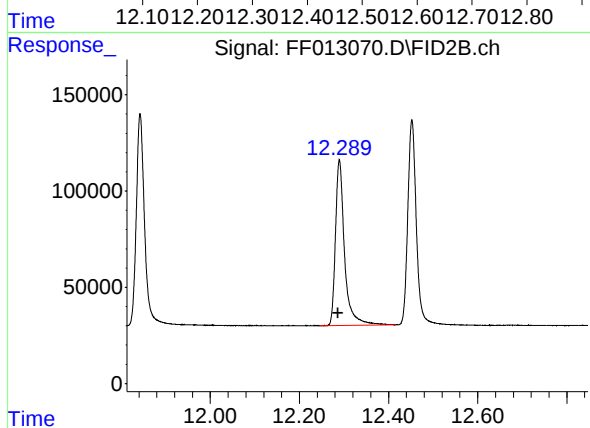
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.000 min
Response: 1407976
Conc: 9.15 ug/ml



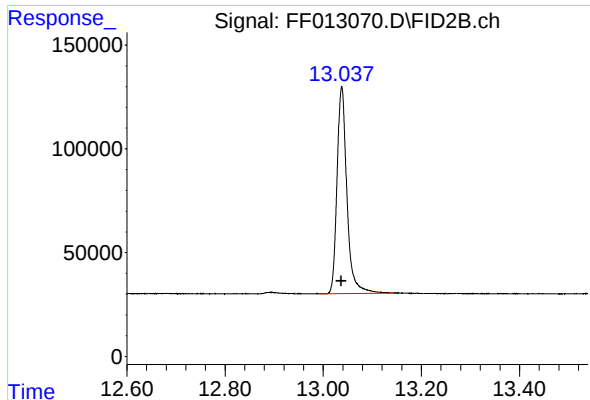
#11 n-Heneicosane (C21)

R.T.: 12.453 min
Delta R.T.: 0.000 min
Response: 1409628
Conc: 9.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.290 min
Delta R.T.: 0.003 min
Response: 1218181
Conc: 9.04 ug/ml



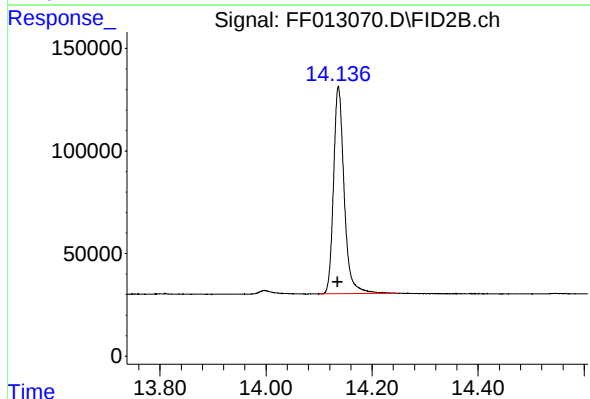
#13 n-Docosane (C22)

R.T.: 13.038 min
Delta R.T.: 0.001 min
Response: 1396806
Conc: 9.09 ug/ml

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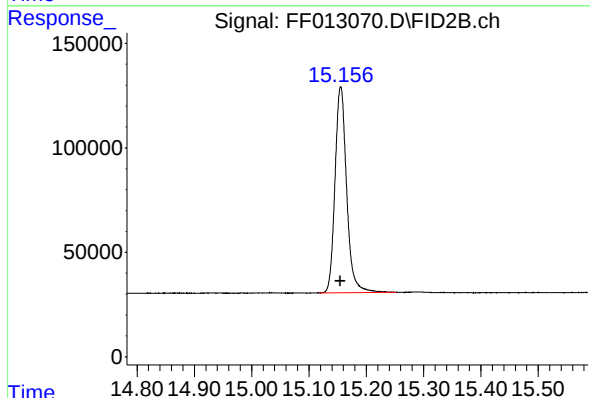
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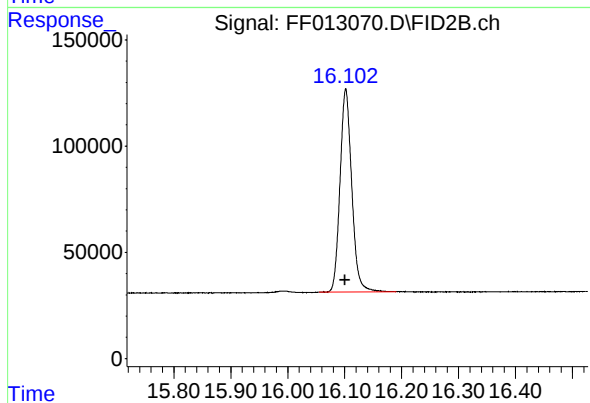
#14 n-Tetracosane (C24)

R.T.: 14.137 min
Delta R.T.: 0.001 min
Response: 1411139
Conc: 9.11 ug/ml



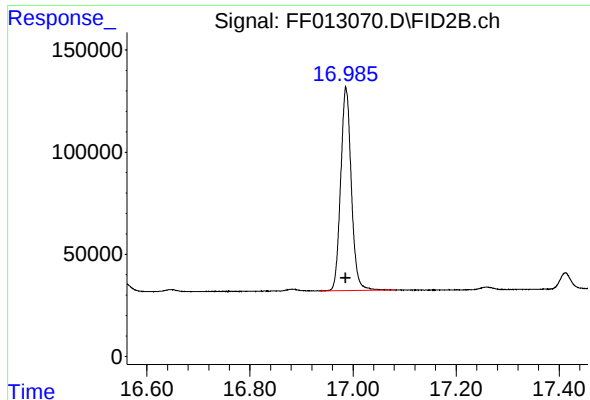
#15 n-Hexacosane (C26)

R.T.: 15.155 min
Delta R.T.: 0.001 min
Response: 1389282
Conc: 9.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.102 min
Delta R.T.: 0.001 min
Response: 1367427
Conc: 9.15 ug/ml



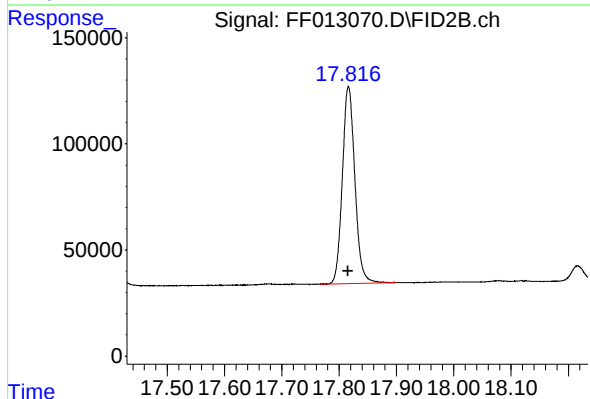
#17 n-Tricontane (C30)

R.T.: 16.986 min
Delta R.T.: 0.000 min
Response: 1425261
Conc: 9.44 ug/ml

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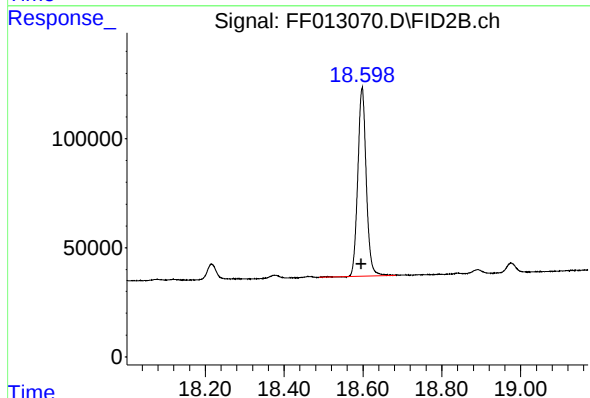
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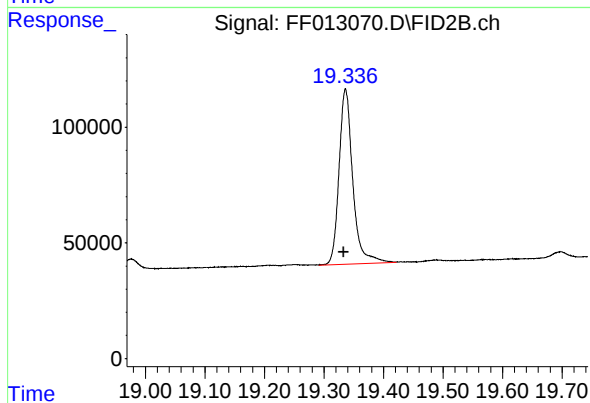
#18 n-Dotriacontane (C32)

R.T.: 17.816 min
Delta R.T.: 0.001 min
Response: 1409050
Conc: 9.65 ug/ml



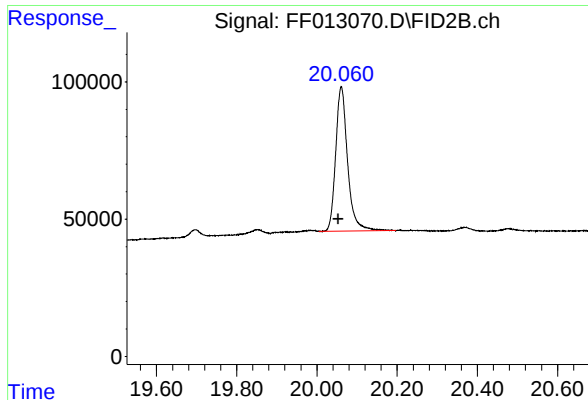
#19 n-Tetratriacontane (C34)

R.T.: 18.598 min
Delta R.T.: 0.002 min
Response: 1291088
Conc: 9.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.336 min
Delta R.T.: 0.002 min
Response: 1212334
Conc: 9.47 ug/ml m



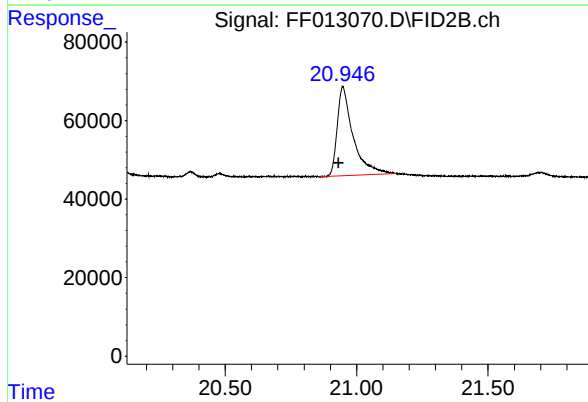
#21 n-Octatriacontane (C38)

R.T.: 20.061 min
Delta R.T.: 0.007 min
Response: 1083068
Conc: 9.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.947 min
Delta R.T.: 0.015 min
Response: 945770
Conc: 8.62 ug/ml