

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062323AL\
 Data File : FF012974.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 15:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 23 16:18:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 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)	10.875	2639481	17.889 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
12) S 1-chlorooctadecane (S...	12.306	1905792	17.988 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	2.743	2327409	19.717 ug/ml
2) T n-Decane (C10)	3.750	2344324	19.682 ug/ml
3) T A~Naphthalene (C11.7)	5.315	2387660	19.415 ug/ml
4) T n-Dodecane (C12)	5.734	2326597	19.282 ug/ml
5) T A~2-methylnaphthalene...	6.364	2173709	19.510 ug/ml
6) T n-Tetradecane (C14)	7.522	2249123	19.186 ug/ml
7) T n-Hexadecane (C16)	9.118	2302912	18.875 ug/ml
8) T n-Octadecane (C18)	10.556	2330833	18.334 ug/ml
10) T n-Eicosane (C20)	11.861	2238643	17.942 ug/ml
11) T n-Heneicosane (C21)	12.472	2192880	17.885 ug/ml
13) T n-Docosane (C22)	13.056	2155646	17.595 ug/ml
14) T n-Tetracosane (C24)	14.156	2186306	17.813 ug/ml
15) T n-Hexacosane (C26)	15.175	2083450	17.319 ug/ml
16) T n-Octacosane (C28)	16.124	2029369	17.258 ug/ml
17) T n-Tricontane (C30)	17.008	2057776	17.279 ug/ml
18) T n-Dotriacontane (C32)	17.838	2031983	17.378 ug/mlm
19) T n-Tetratriacontane (C34)	18.620	2037268	18.349 ug/mlm
20) T n-Hexatriacontane (C36)	19.358	1920064	18.113 ug/mlm
21) T n-Octatriacontane (C38)	20.082	1965764	18.812 ug/mlm
22) T n-Tetracontane (C40)	20.963	1832958	18.919 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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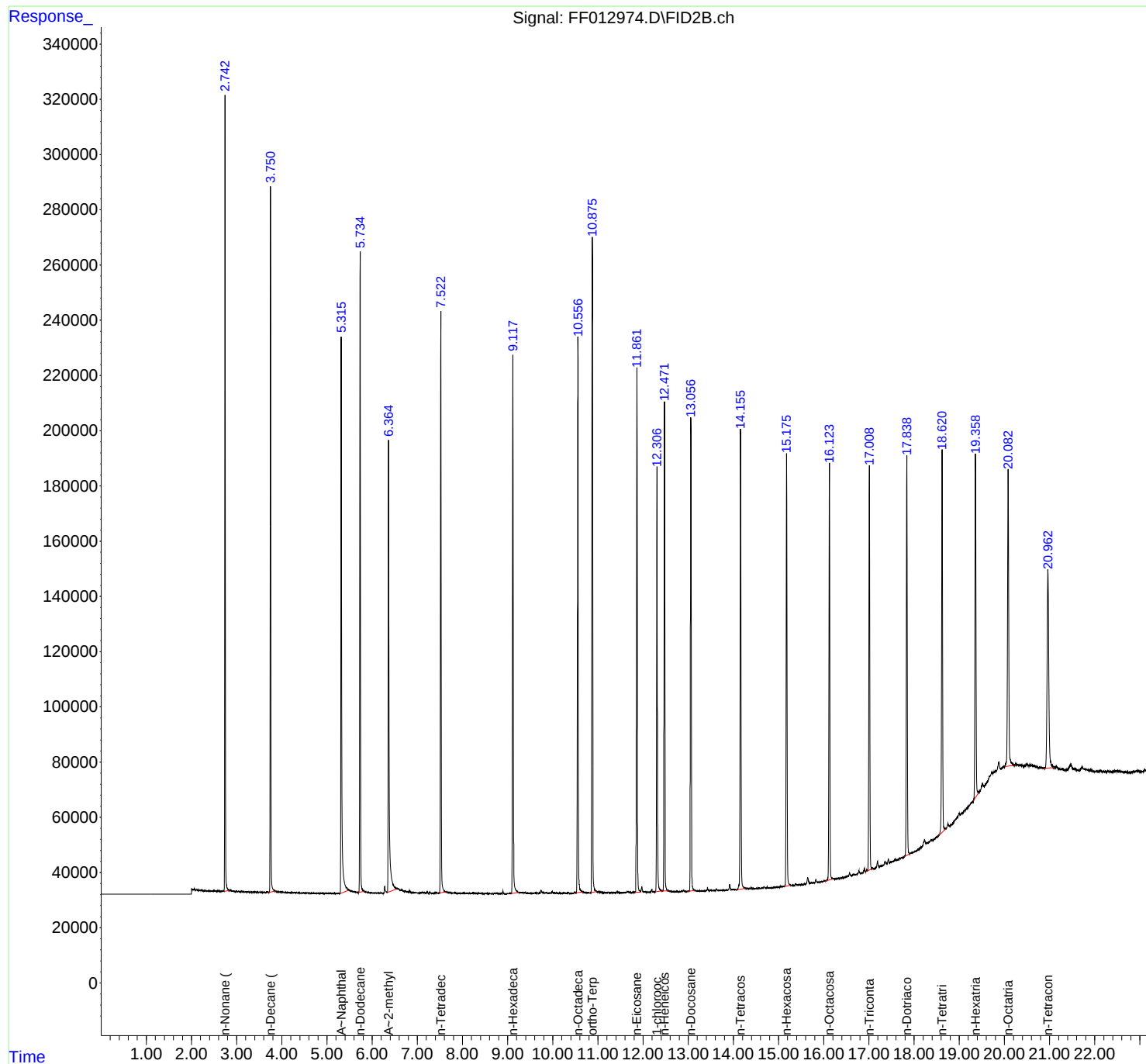
Instrument :
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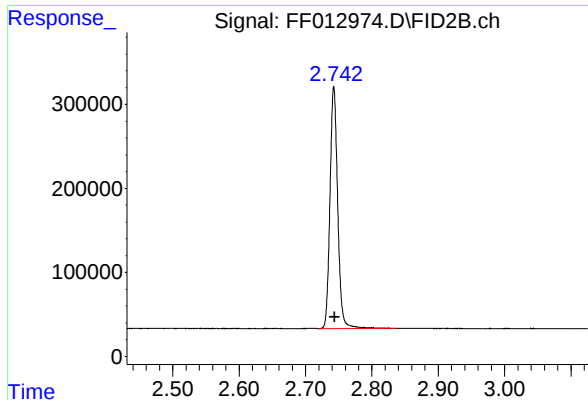
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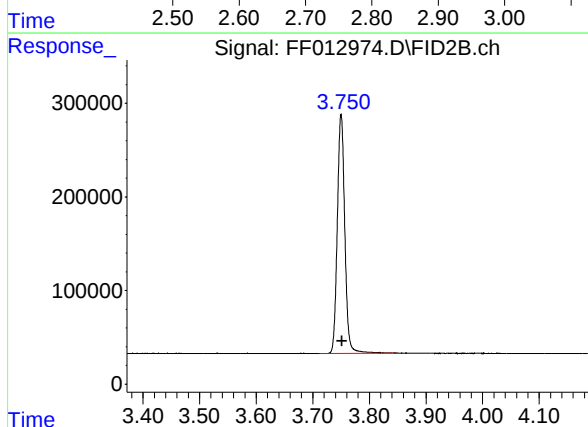
#1 n-Nonane (C9)

R.T.: 2.743 min
Delta R.T.: -0.001 min
Response: 2327409
Conc: 19.72 ug/ml

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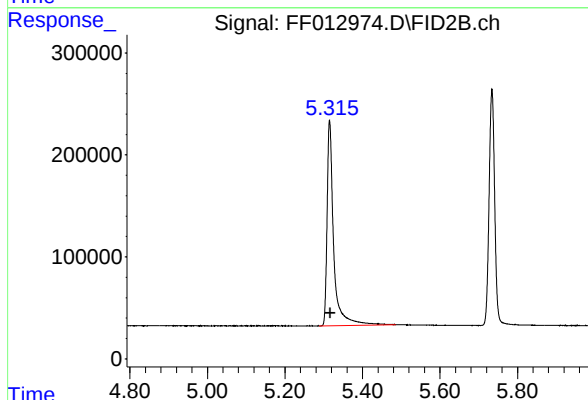
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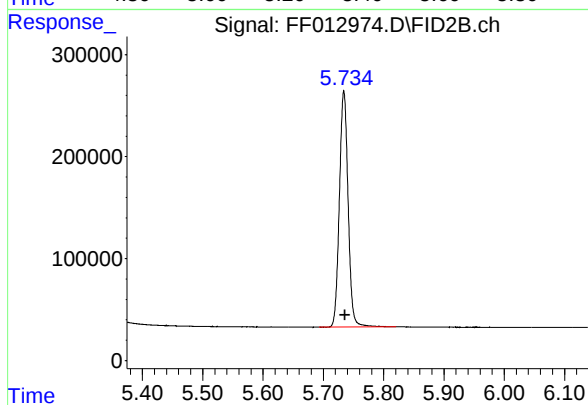
#2 n-Decane (C10)

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 2344324
Conc: 19.68 ug/ml



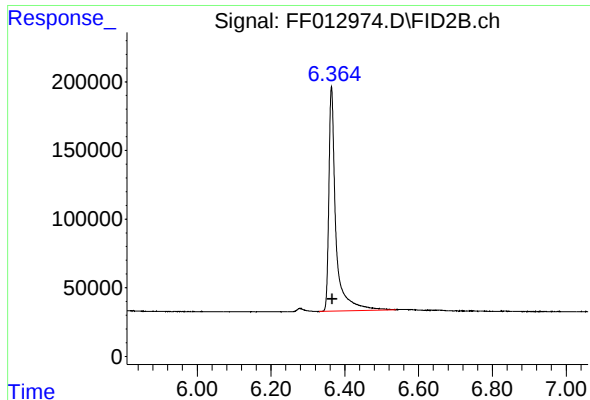
#3 A~Naphthalene (C11.7)

R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 2387660
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 2326597
Conc: 19.28 ug/ml



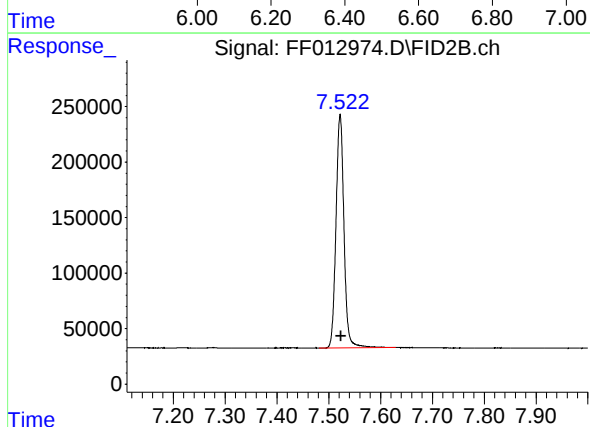
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 2173709
Conc: 19.51 ug/ml

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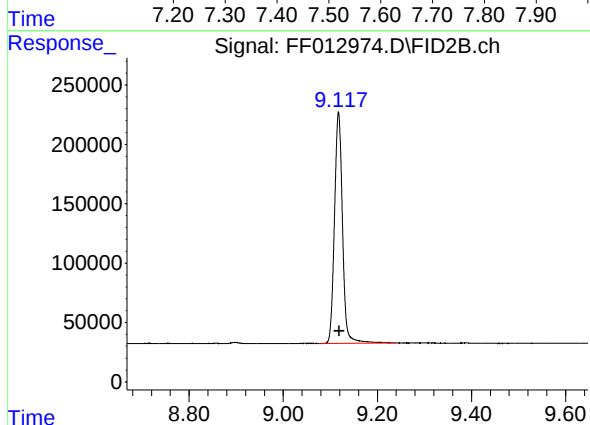
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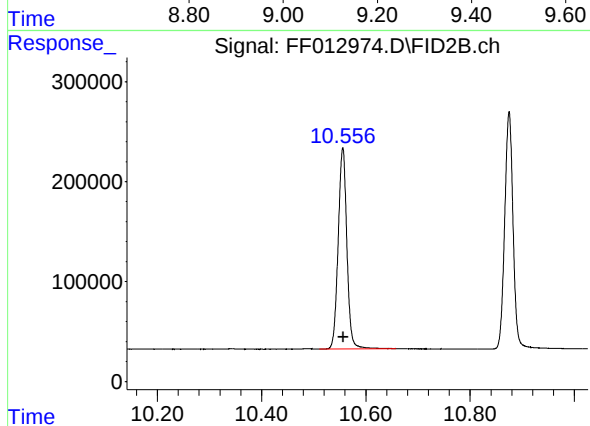
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: -0.001 min
Response: 2249123
Conc: 19.19 ug/ml



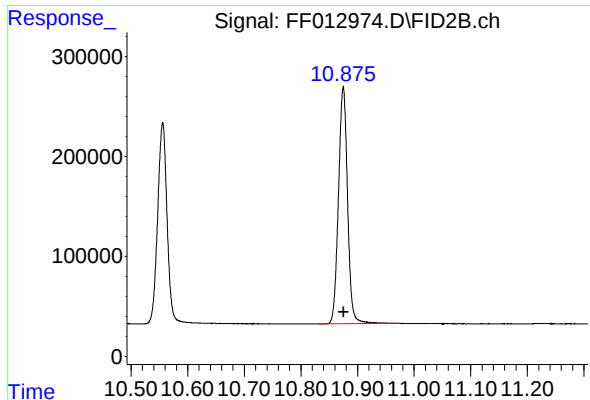
#7 n-Hexadecane (C16)

R.T.: 9.118 min
Delta R.T.: -0.001 min
Response: 2302912
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.556 min
Delta R.T.: 0.000 min
Response: 2330833
Conc: 18.33 ug/ml



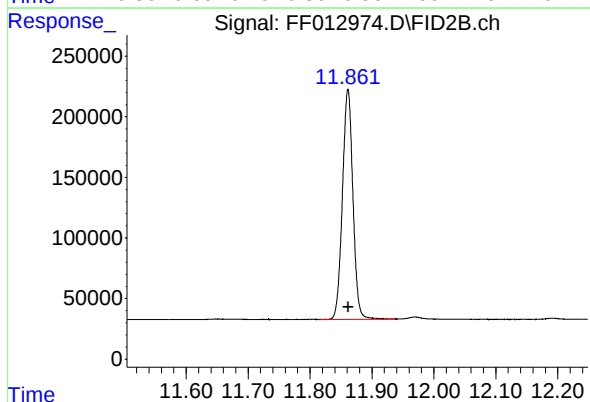
#9 ortho-Terphenyl (SURR)

R.T.: 10.875 min
Delta R.T.: 0.000 min
Response: 2639481
Conc: 17.89 ug/ml

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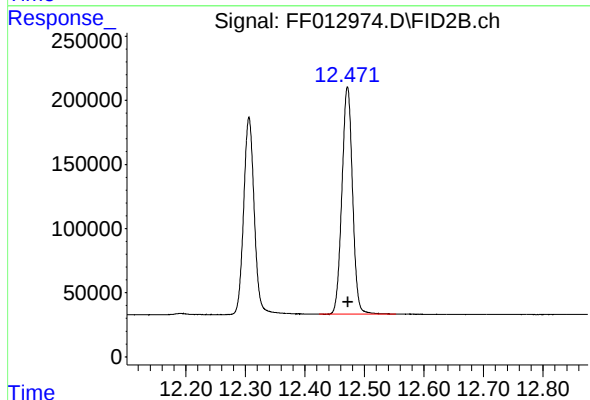
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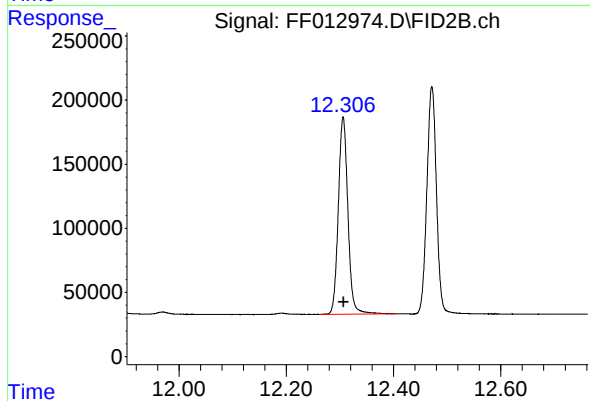
#10 n-Eicosane (C20)

R.T.: 11.861 min
Delta R.T.: 0.000 min
Response: 2238643
Conc: 17.94 ug/ml



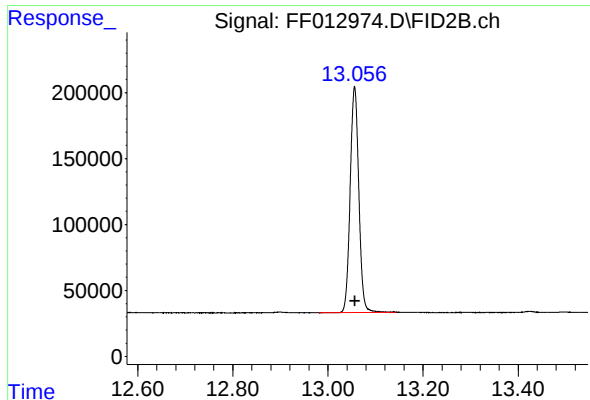
#11 n-Heneicosane (C21)

R.T.: 12.472 min
Delta R.T.: 0.000 min
Response: 2192880
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 1905792
Conc: 17.99 ug/ml



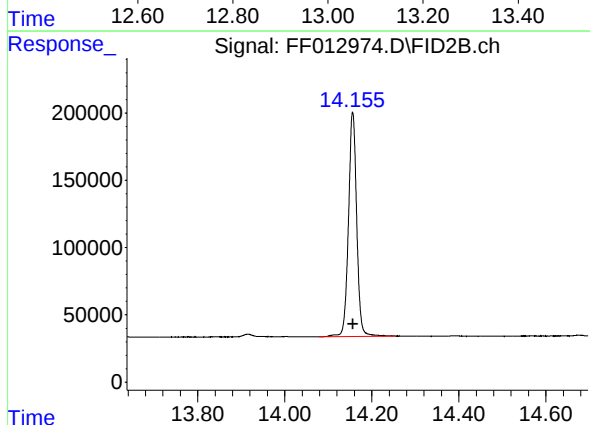
#13 n-Docosane (C22)

R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 2155646
Conc: 17.60 ug/ml

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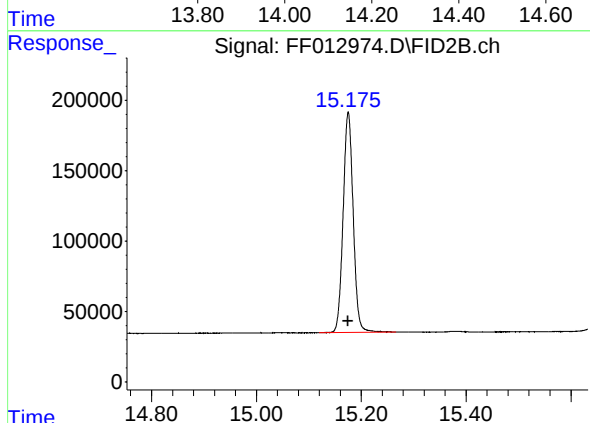
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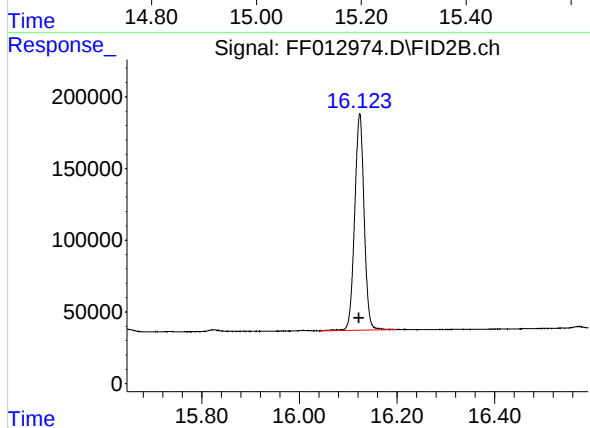
#14 n-Tetracosane (C24)

R.T.: 14.156 min
Delta R.T.: -0.001 min
Response: 2186306
Conc: 17.81 ug/ml



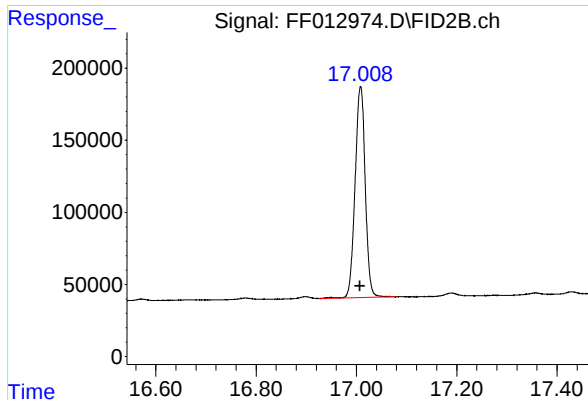
#15 n-Hexacosane (C26)

R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 2083450
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.124 min
Delta R.T.: 0.002 min
Response: 2029369
Conc: 17.26 ug/ml



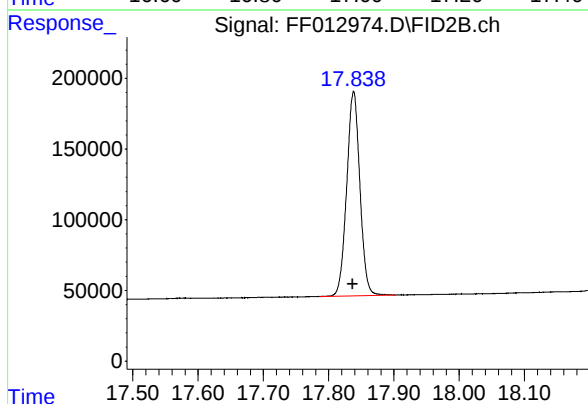
#17 n-Tricontane (C30)

R.T.: 17.008 min
Delta R.T.: 0.000 min
Response: 2057776
Conc: 17.28 ug/ml

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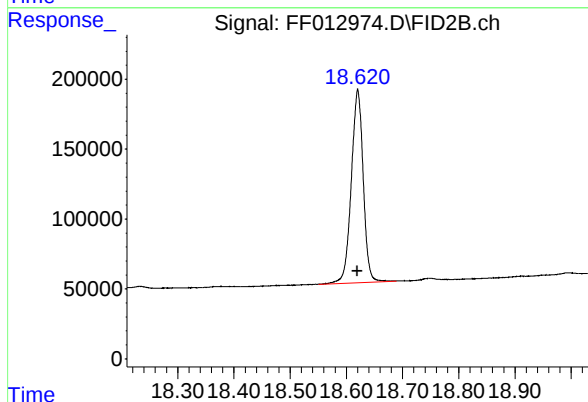
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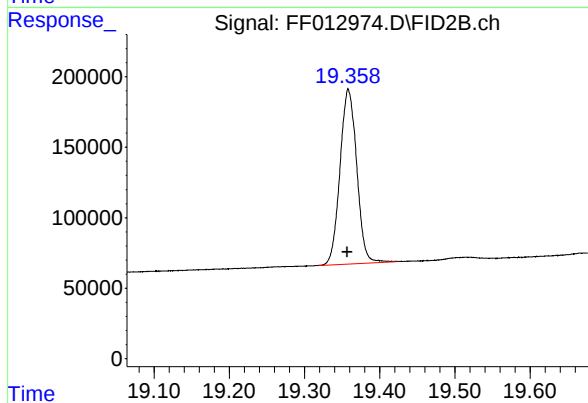
#18 n-Dotriacontane (C32)

R.T.: 17.838 min
Delta R.T.: 0.001 min
Response: 2031983
Conc: 17.38 ug/ml m



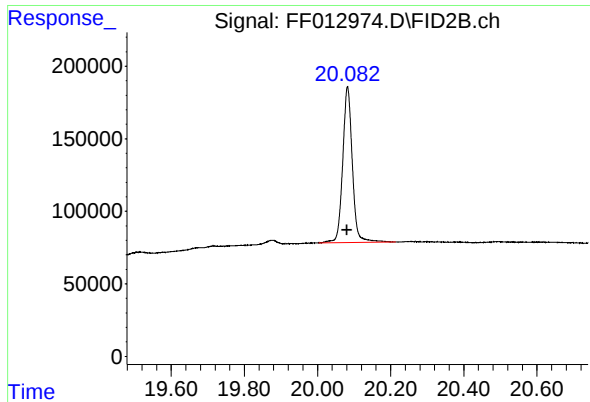
#19 n-Tetratriacontane (C34)

R.T.: 18.620 min
Delta R.T.: 0.000 min
Response: 2037268
Conc: 18.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.358 min
Delta R.T.: 0.000 min
Response: 1920064
Conc: 18.11 ug/ml m



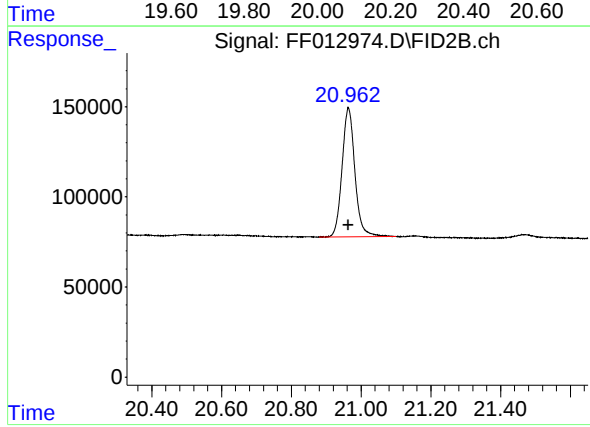
#21 n-Octatriacontane (C38)

R.T.: 20.082 min
Delta R.T.: 0.002 min
Response: 1965764
Conc: 18.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.963 min
Delta R.T.: 0.000 min
Response: 1832958
Conc: 18.92 ug/ml