

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063570.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 20:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2023
 Supervised By :Ankita Jodhani 05/08/2023

Integration File: autoint1.e
 Quant Time: May 06 02:11:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.525	3784013	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	12.962	2661309	20.324 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.300	3197415	19.971 ug/ml
2) T n-Decane (C10)	4.363	3246448	20.063 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3439748	20.259 ug/ml
4) T n-Dodecane (C12)	6.380	3266549	20.067 ug/ml
5) T A~2-methylnaphthalene...	7.001	3304122	20.428 ug/ml
6) T n-Tetradecane (C14)	8.173	3199205	20.257 ug/ml
7) T n-Hexadecane (C16)	9.771	3262016	20.333 ug/ml
8) T n-Octadecane (C18)	11.212	3276756	20.459 ug/ml
10) T n-Eicosane (C20)	12.517	3083219	20.323 ug/ml
11) T n-Heneicosane (C21)	13.128	2985620	20.373 ug/ml
13) T n-Docosane (C22)	13.714	2926771	20.282 ug/ml
14) T n-Tetracosane (C24)	14.813	2837762	20.174 ug/ml
15) T n-Hexacosane (C26)	15.832	2750133	20.137 ug/ml
16) T n-Octacosane (C28)	16.779	2646104	20.006 ug/ml
17) T n-Tricontane (C30)	17.664	2667915	19.841 ug/ml
18) T n-Dotriacontane (C32)	18.494	2634290	19.729 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2554699	19.680 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2435984	19.671 ug/ml
21) T n-Octatriacontane (C38)	20.737	2477394	19.826 ug/ml
22) T n-Tetracontane (C40)	21.627	2402429	19.543 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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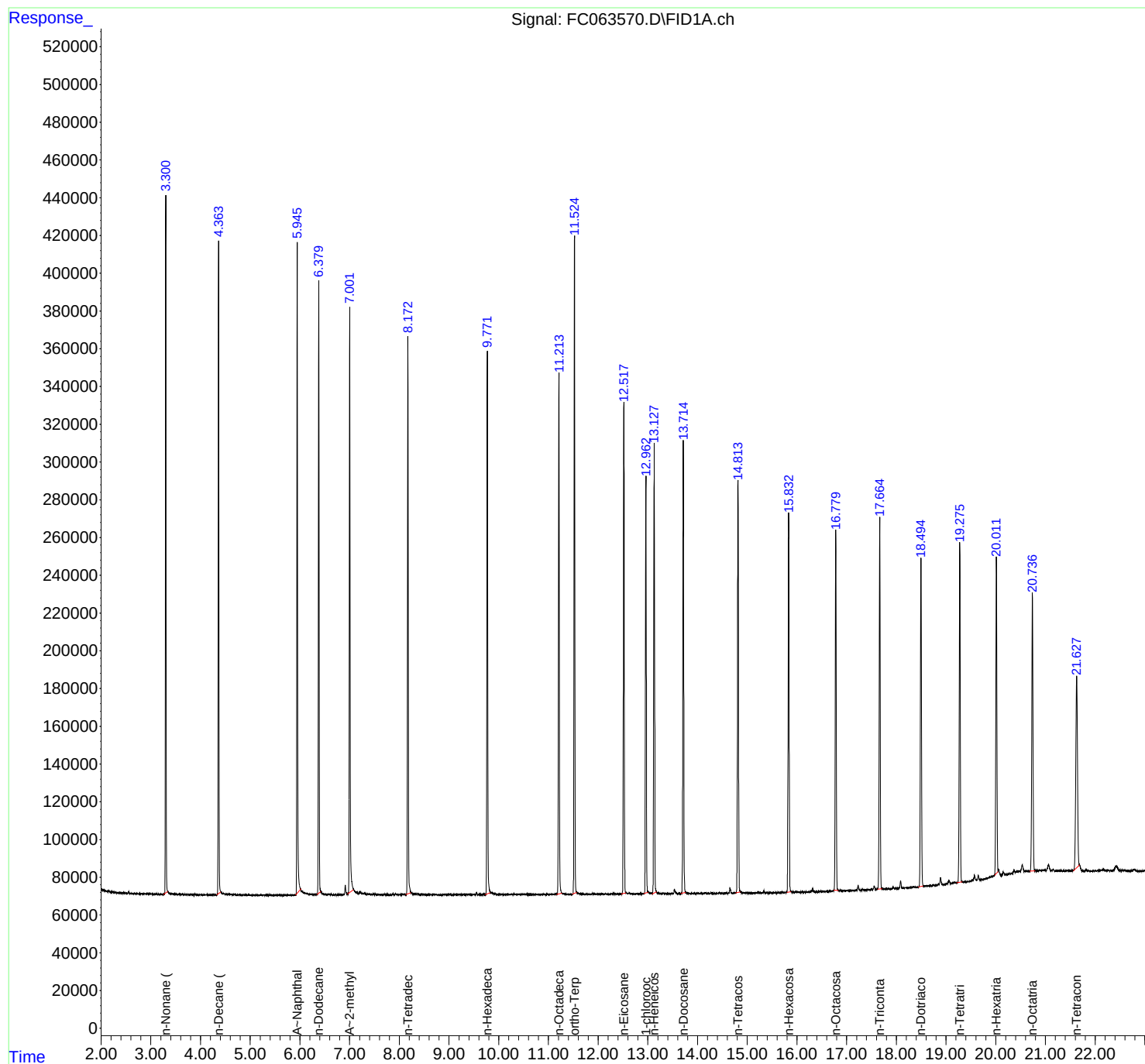
Instrument :
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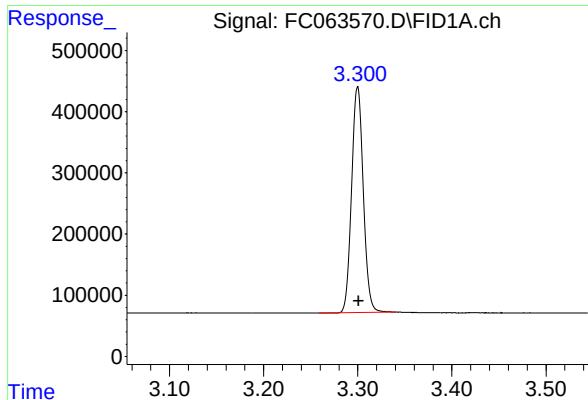
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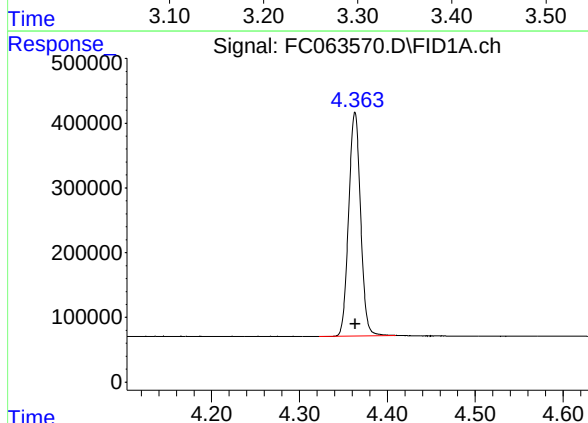
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 3197415
Conc: 19.97 ug/ml

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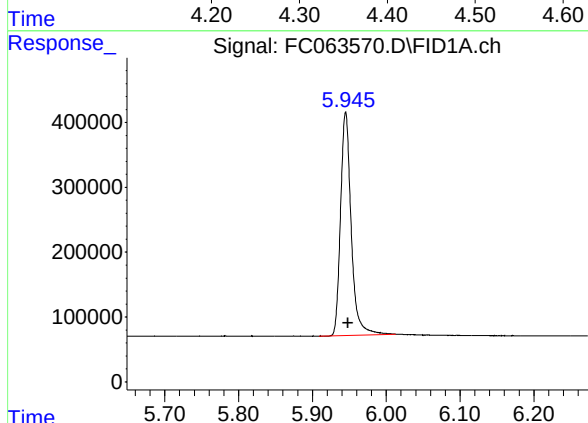
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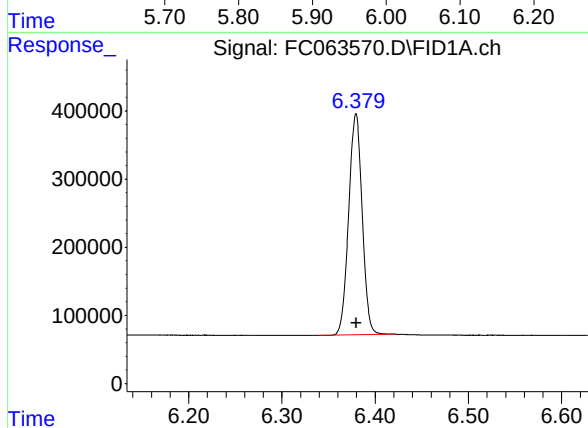
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 3246448
Conc: 20.06 ug/ml



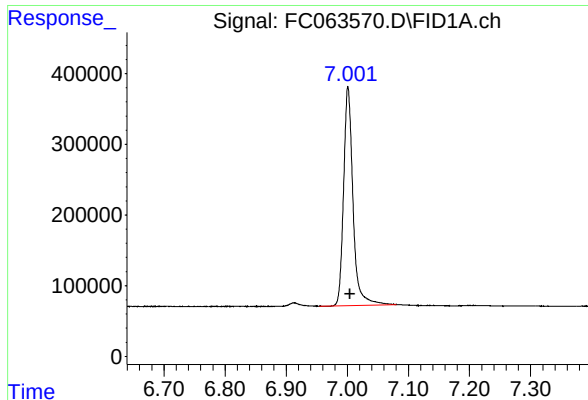
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 3439748
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 3266549
Conc: 20.07 ug/ml



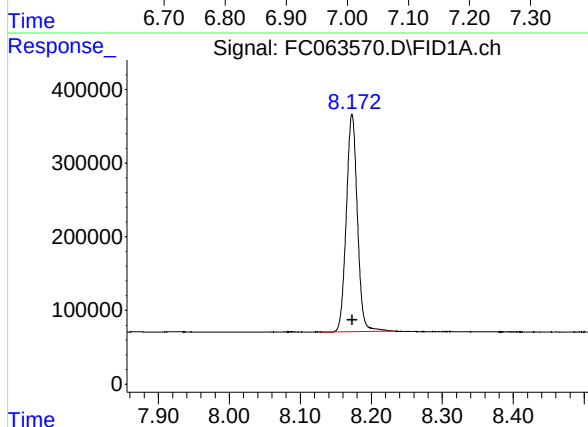
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 3304122
Conc: 20.43 ug/ml

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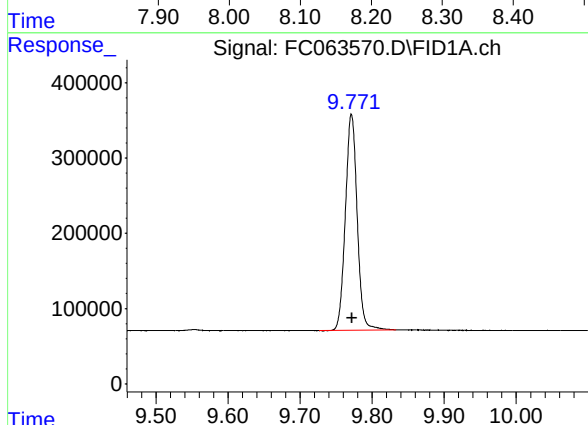
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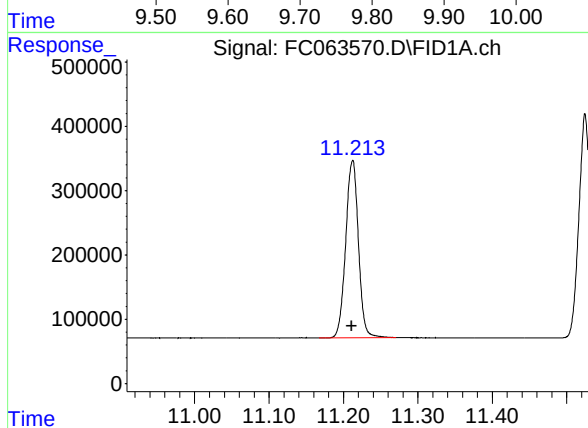
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 3199205
Conc: 20.26 ug/ml



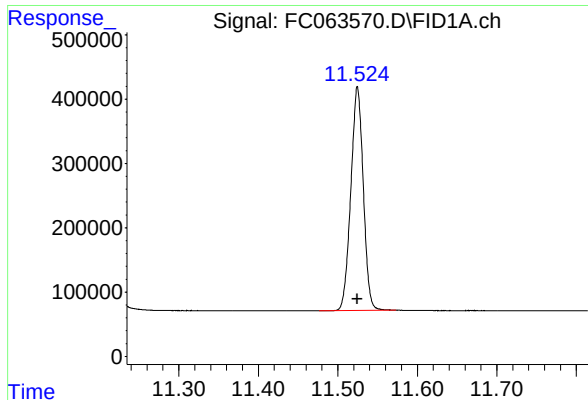
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 3262016
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.001 min
Response: 3276756
Conc: 20.46 ug/ml



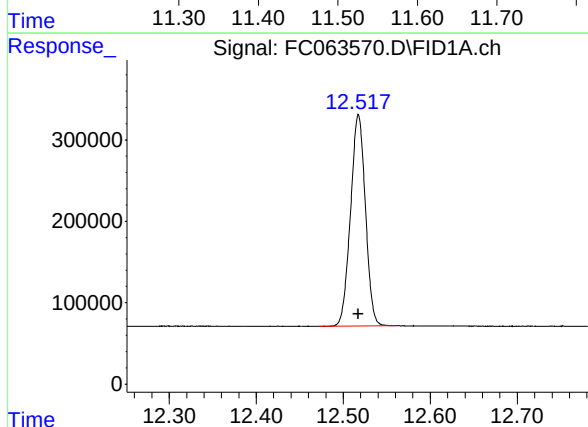
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.000 min
Response: 3784013
Conc: 20.20 ug/ml

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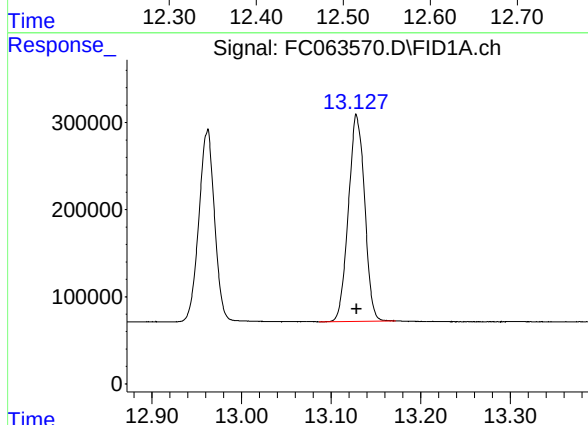
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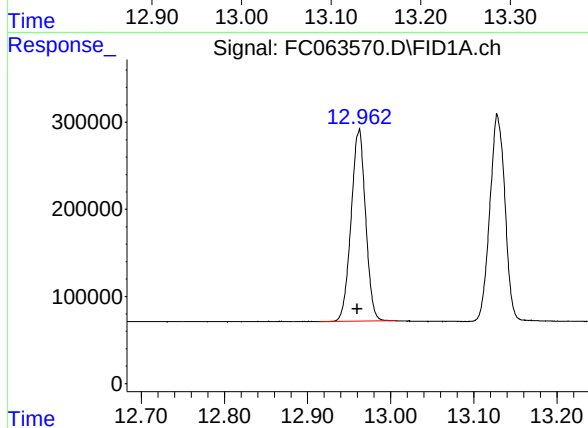
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.000 min
Response: 3083219
Conc: 20.32 ug/ml



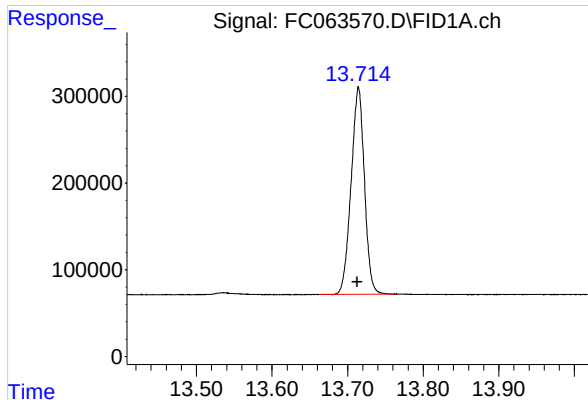
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 2985620
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: 0.002 min
Response: 2661309
Conc: 20.32 ug/ml



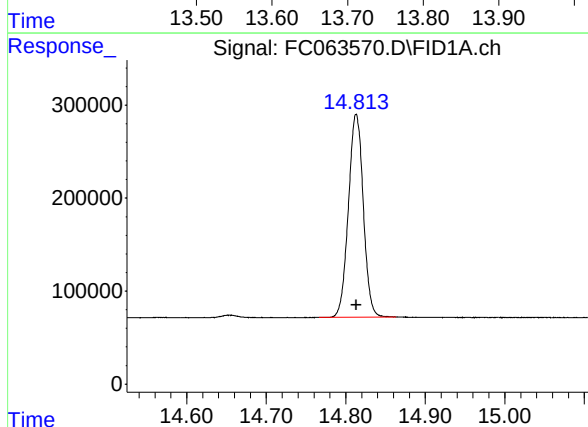
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: 0.002 min
Response: 2926771
Conc: 20.28 ug/ml

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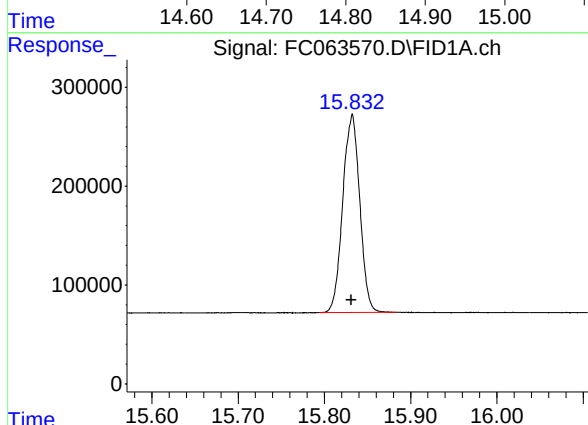
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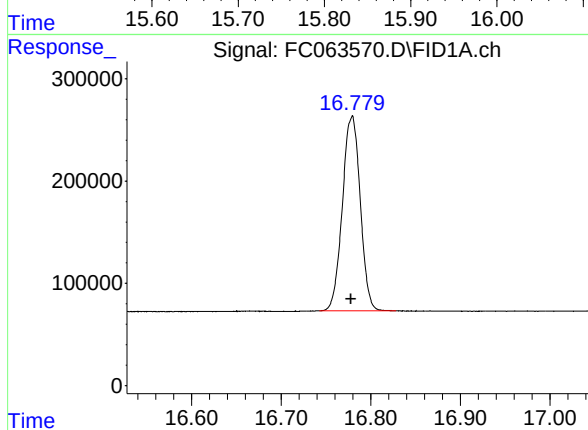
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.000 min
Response: 2837762
Conc: 20.17 ug/ml



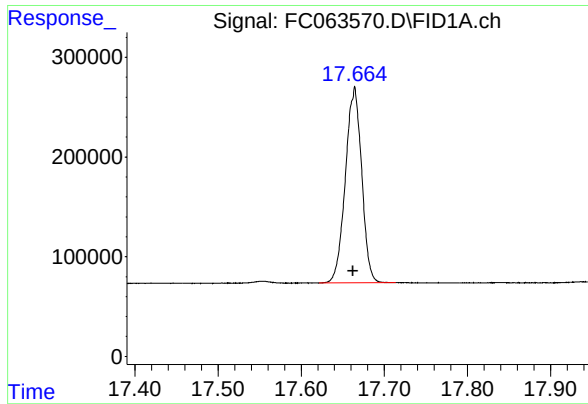
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.001 min
Response: 2750133
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: 0.001 min
Response: 2646104
Conc: 20.01 ug/ml



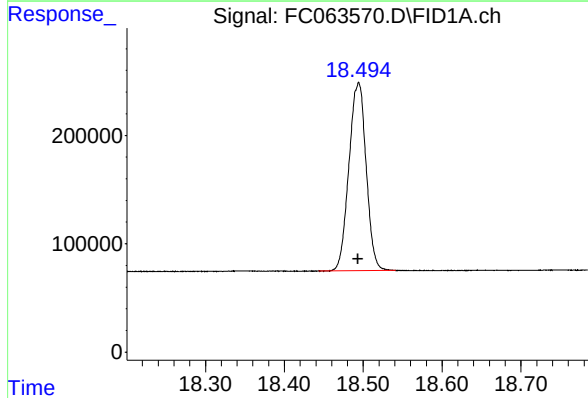
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: 0.002 min
Response: 2667915
Conc: 19.84 ug/ml

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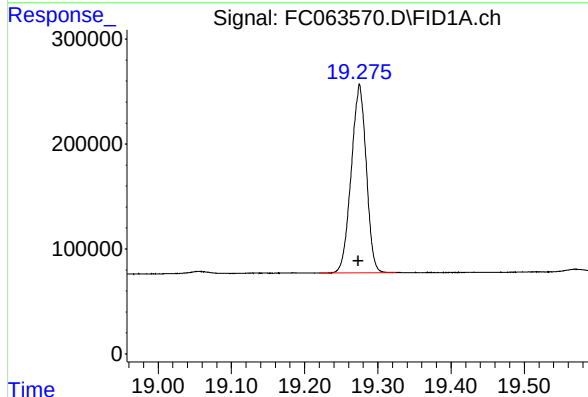
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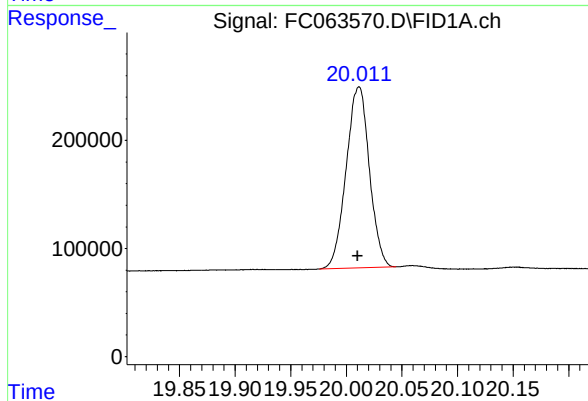
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 2634290
Conc: 19.73 ug/ml



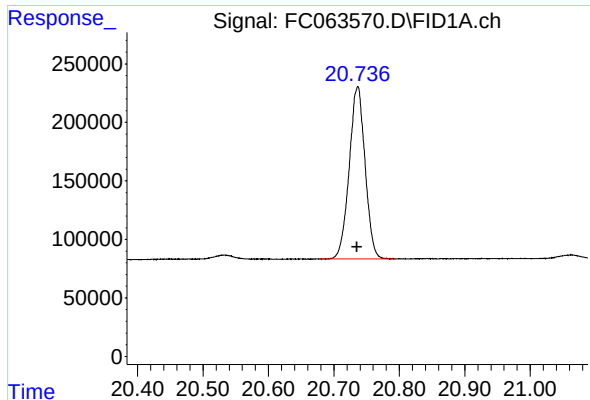
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.001 min
Response: 2554699
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.001 min
Response: 2435984
Conc: 19.67 ug/ml



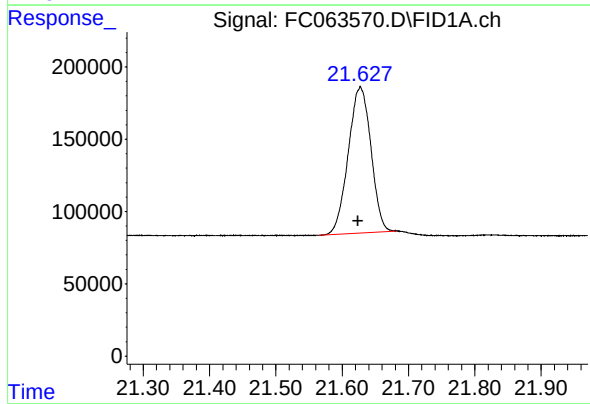
#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.001 min
Response: 2477394
Conc: 19.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.003 min
Response: 2402429
Conc: 19.54 ug/ml m