

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
 Data File : FC067952.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 17:31
 Operator : YP/AJ
 Sample : P5174-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ROLL-OFF-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 04:40:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.475	6952486	35.860 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
12) S 1-chlorooctadecane (S...	12.914	4966723	34.215 ug/ml
Spiked Amount 50.000		Recovery =	68.43%
Target Compounds			
1) T n-Nonane (C9)	3.254	5029320	30.833 ug/ml
2) T n-Decane (C10)	4.317	5889878	35.517 ug/ml
3) T A~Naphthalene (C11.7)	5.892	7349912	40.129 ug/ml
4) T n-Dodecane (C12)	6.332	7106424	42.193 ug/ml
5) T A~2-methylnaphthalene...	6.949	7749147	43.693 ug/ml
6) T n-Tetradecane (C14)	8.128	7353104	43.907 ug/mlm
7) T n-Hexadecane (C16)	9.725	7443654	42.953 ug/mlm
8) T n-Octadecane (C18)	11.165	7235746	41.126 ug/mlm
10) T n-Eicosane (C20)	12.473	7288558	43.285 ug/ml
11) T n-Heneicosane (C21)	13.084	6669698	40.536 ug/ml
13) T n-Docosane (C22)	13.670	6435080	39.515 ug/ml
14) T n-Tetracosane (C24)	14.740	12647753	78.860 ug/mlm
15) T n-Hexacosane (C26)	15.793	6118054	39.507 ug/ml
16) T n-Octacosane (C28)	16.740	6115153	40.491 ug/ml
17) T n-Tricontane (C30)	17.627	5942169	38.810 ug/ml
18) T n-Dotriacontane (C32)	18.458	5820845	39.412 ug/ml
19) T n-Tetratriacontane (C34)	19.241	5805474	46.028 ug/ml
20) T n-Hexatriacontane (C36)	19.977	5459208	52.198 ug/ml
21) T n-Octatriacontane (C38)	20.699	5530926	56.621 ug/ml
22) T n-Tetracontane (C40)	21.577	5562445	57.070 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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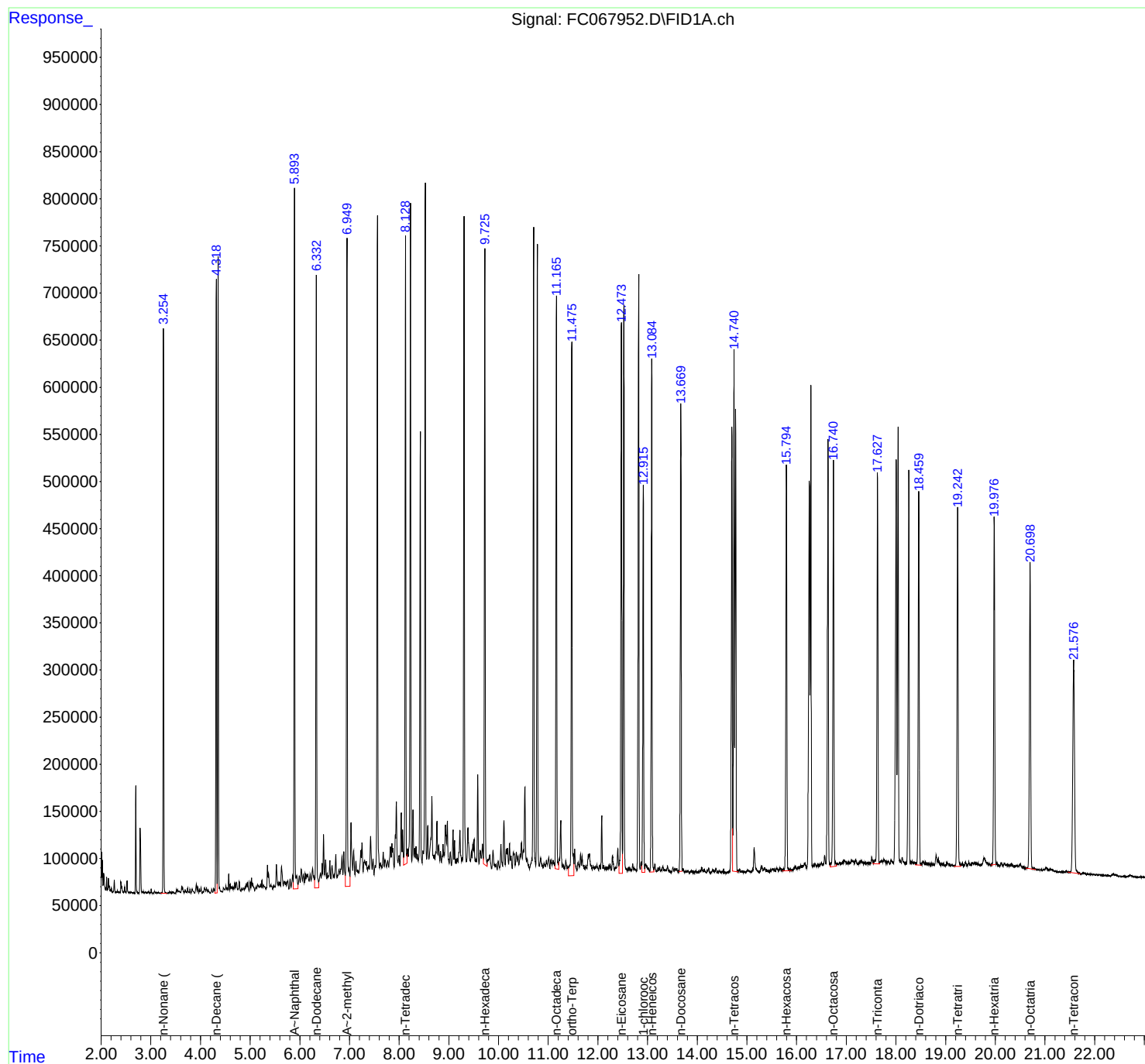
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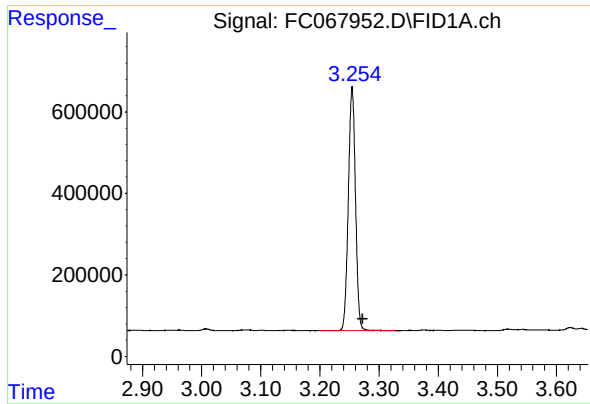
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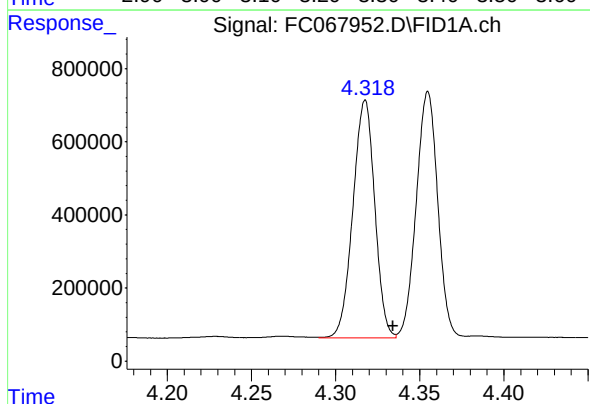
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.018 min
Response: 5029320
Conc: 30.83 ug/ml

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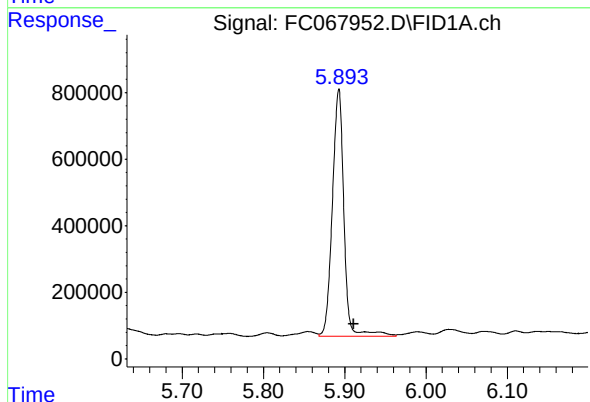
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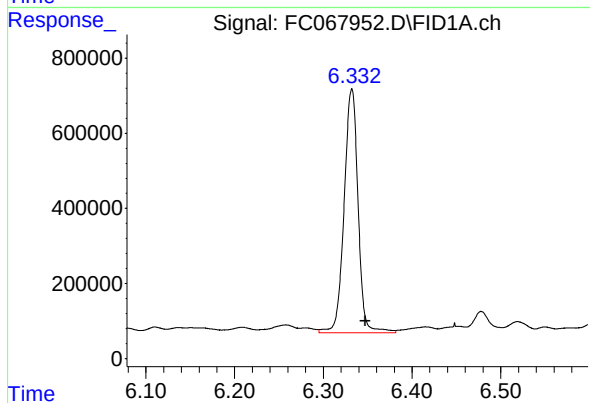
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.017 min
Response: 5889878
Conc: 35.52 ug/ml



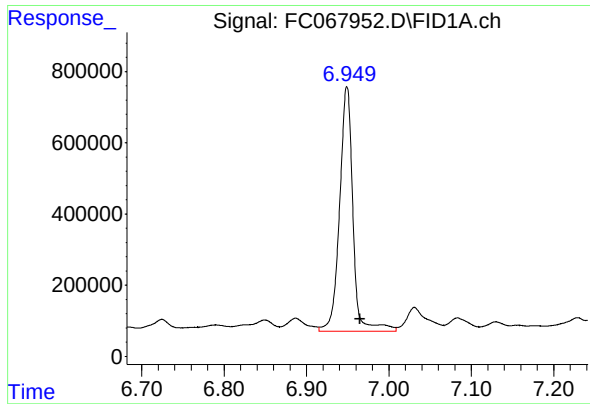
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.018 min
Response: 7349912
Conc: 40.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.016 min
Response: 7106424
Conc: 42.19 ug/ml



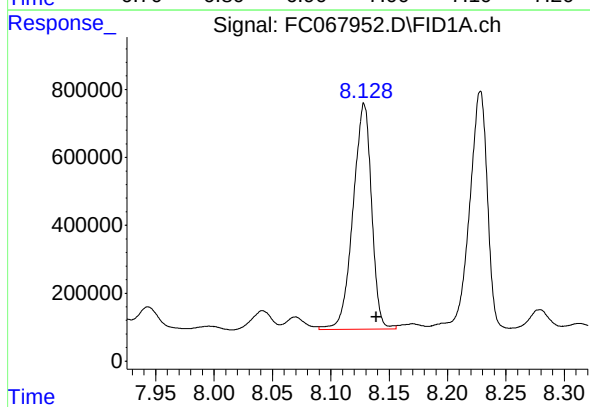
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: -0.016 min
Response: 7749147
Conc: 43.69 ug/ml

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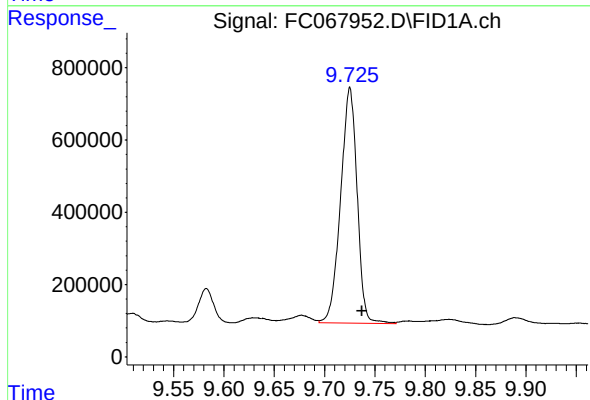
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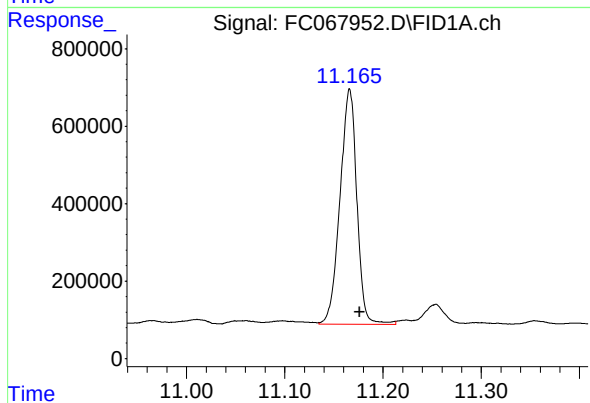
#6 n-Tetradecane (C14)

R.T.: 8.128 min
Delta R.T.: -0.011 min
Response: 7353104
Conc: 43.91 ug/ml m



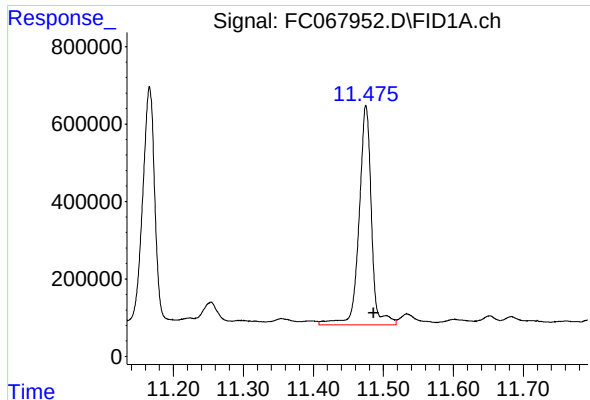
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.012 min
Response: 7443654
Conc: 42.95 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: -0.011 min
Response: 7235746
Conc: 41.13 ug/ml m



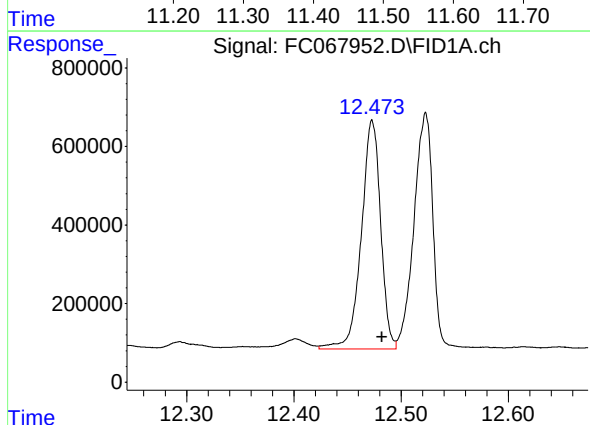
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.011 min
Response: 6952486
Conc: 35.86 ug/ml

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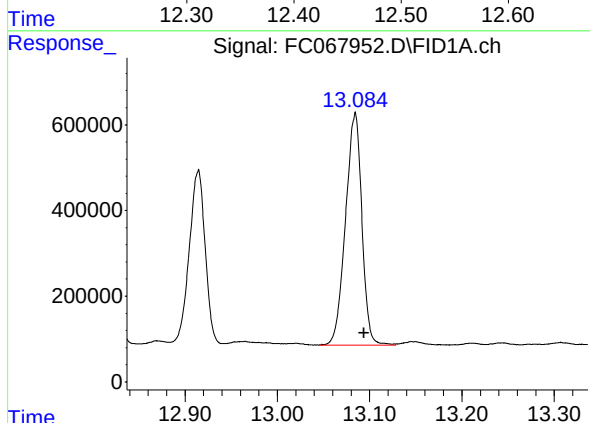
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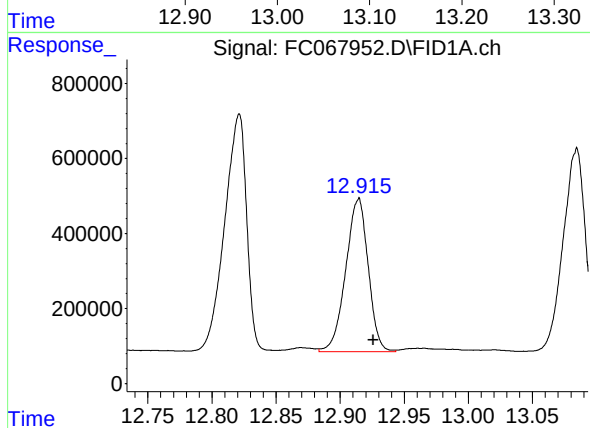
#10 n-Eicosane (C20)

R.T.: 12.473 min
Delta R.T.: -0.009 min
Response: 7288558
Conc: 43.28 ug/ml



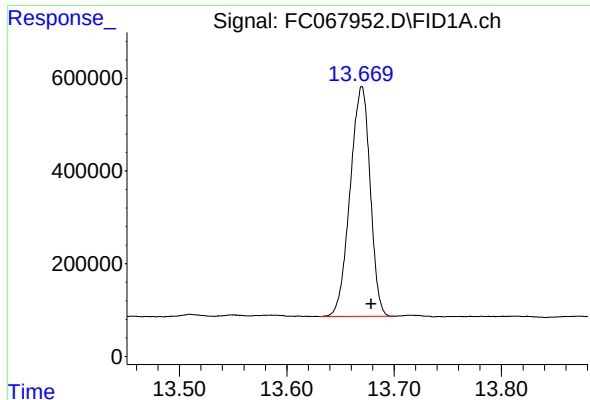
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 6669698
Conc: 40.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 4966723
Conc: 34.22 ug/ml



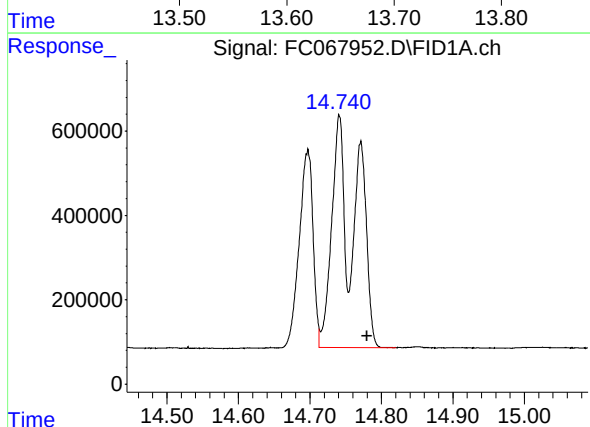
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.009 min
Response: 6435080
Conc: 39.51 ug/ml

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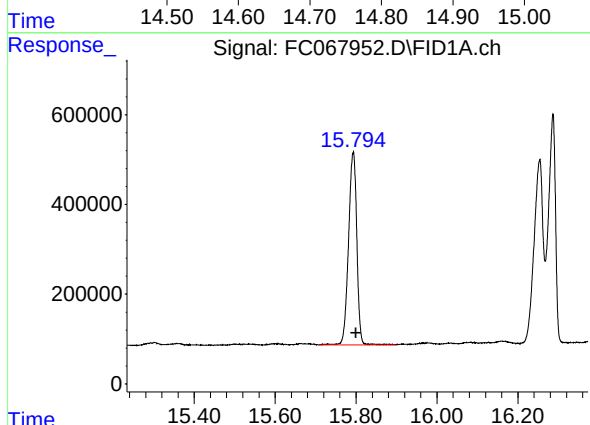
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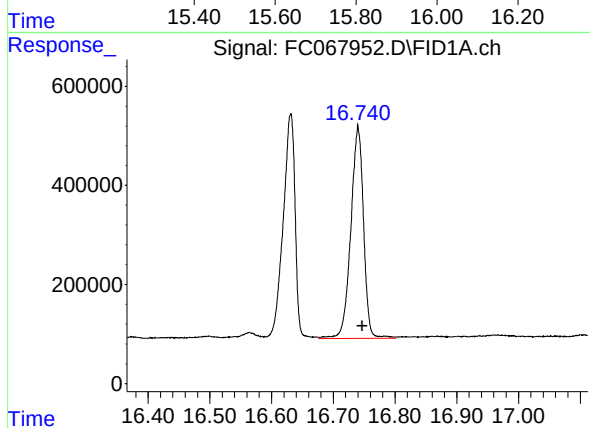
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.040 min
Response: 12647753
Conc: 78.86 ug/ml



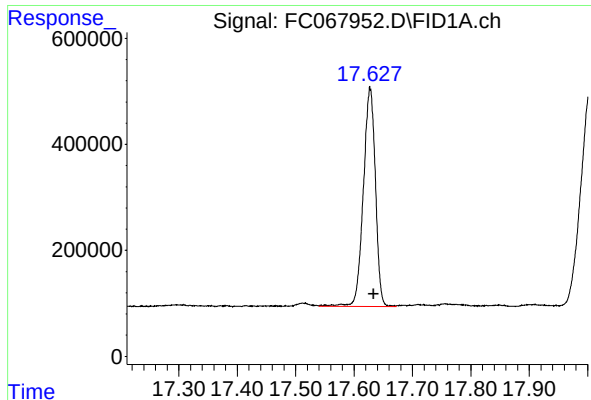
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.007 min
Response: 6118054
Conc: 39.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.007 min
Response: 6115153
Conc: 40.49 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: -0.006 min
Response: 5942169
Conc: 38.81 ug/ml

Instrument :

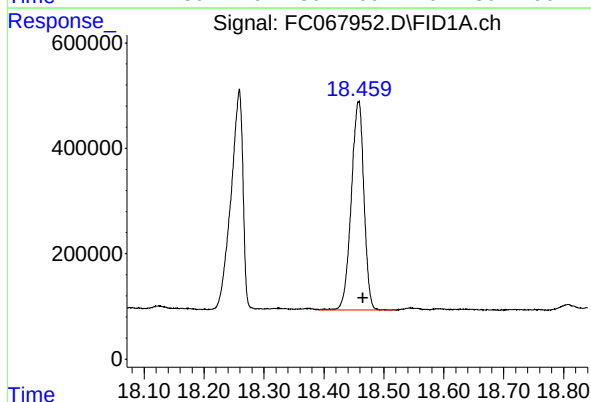
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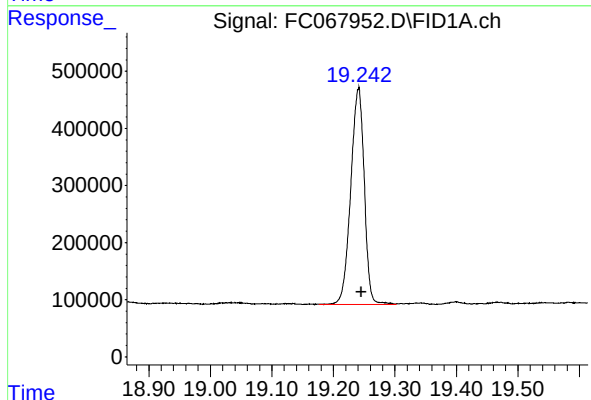
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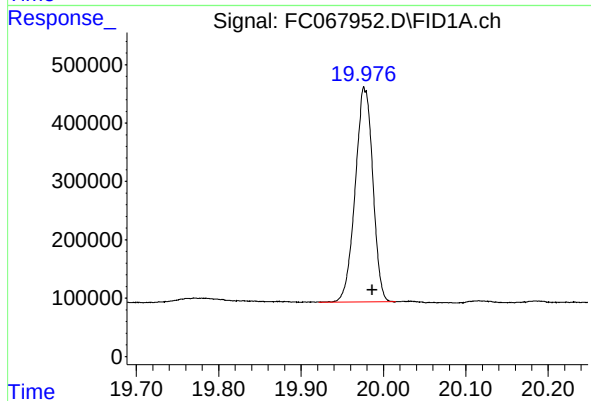
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: -0.007 min
Response: 5820845
Conc: 39.41 ug/ml



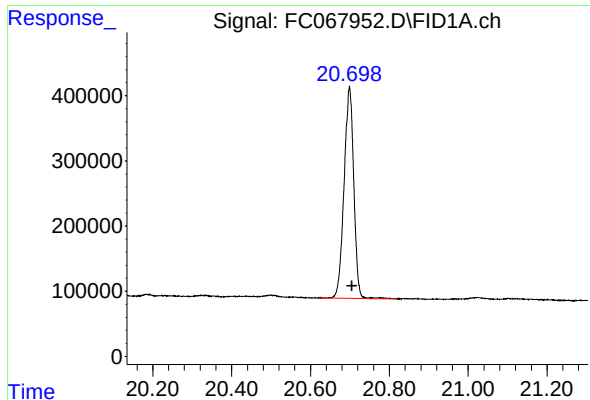
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.005 min
Response: 5805474
Conc: 46.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.009 min
Response: 5459208
Conc: 52.20 ug/ml



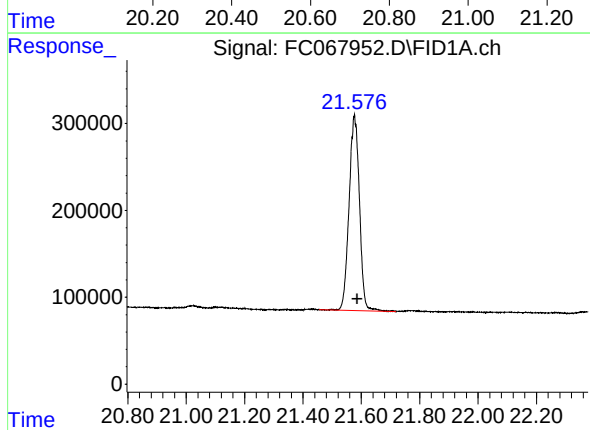
#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.006 min
Response: 5530926
Conc: 56.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.009 min
Response: 5562445
Conc: 57.07 ug/ml