

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091123AL\
 Data File : FC064535.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2023 16:15
 Operator : YP/AJ
 Sample : PB155468BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155468BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
 Quant Time: Sep 12 02:55:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.509	7635177	35.964 ug/ml
Spiked Amount 50.000		Recovery =	71.93%
12) S 1-chlorooctadecane (S...	12.943	5858495	38.423 ug/ml
Spiked Amount 50.000		Recovery =	76.85%
Target Compounds			
1) T n-Nonane (C9)	3.317	6934357	39.289 ug/ml
2) T n-Decane (C10)	4.370	7307663	41.658 ug/ml
3) T A~Naphthalene (C11.7)	5.943	7942279	42.711 ug/ml
4) T n-Dodecane (C12)	6.376	7708072	43.245 ug/ml
5) T A~2-methylnaphthalene...	6.997	7657272	43.045 ug/ml
6) T n-Tetradecane (C14)	8.165	7683342	44.042 ug/ml
7) T n-Hexadecane (C16)	9.760	7636804	44.191 ug/ml
8) T n-Octadecane (C18)	11.197	7517364	42.938 ug/ml
10) T n-Eicosane (C20)	12.502	7345738	43.425 ug/ml
11) T n-Heneicosane (C21)	13.111	6929108	41.515 ug/ml
13) T n-Docosane (C22)	13.695	6737653	41.307 ug/ml
14) T n-Tetracosane (C24)	14.790	5806343	36.461 ug/mlm
15) T n-Hexacosane (C26)	15.811	6011991	38.913 ug/ml
16) T n-Octacosane (C28)	16.757	5913330	39.942 ug/ml
17) T n-Tricontane (C30)	17.642	5587065	38.250 ug/ml
18) T n-Dotriacontane (C32)	18.470	5373884	38.043 ug/ml
19) T n-Tetratriacontane (C34)	19.252	5022590	37.590 ug/ml
20) T n-Hexatriacontane (C36)	19.988	4436055	34.667 ug/ml
21) T n-Octatriacontane (C38)	20.707	3990754	32.499 ug/ml
22) T n-Tetracontane (C40)	21.590	3531302	30.408 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 6 Sample Multiplier: 1

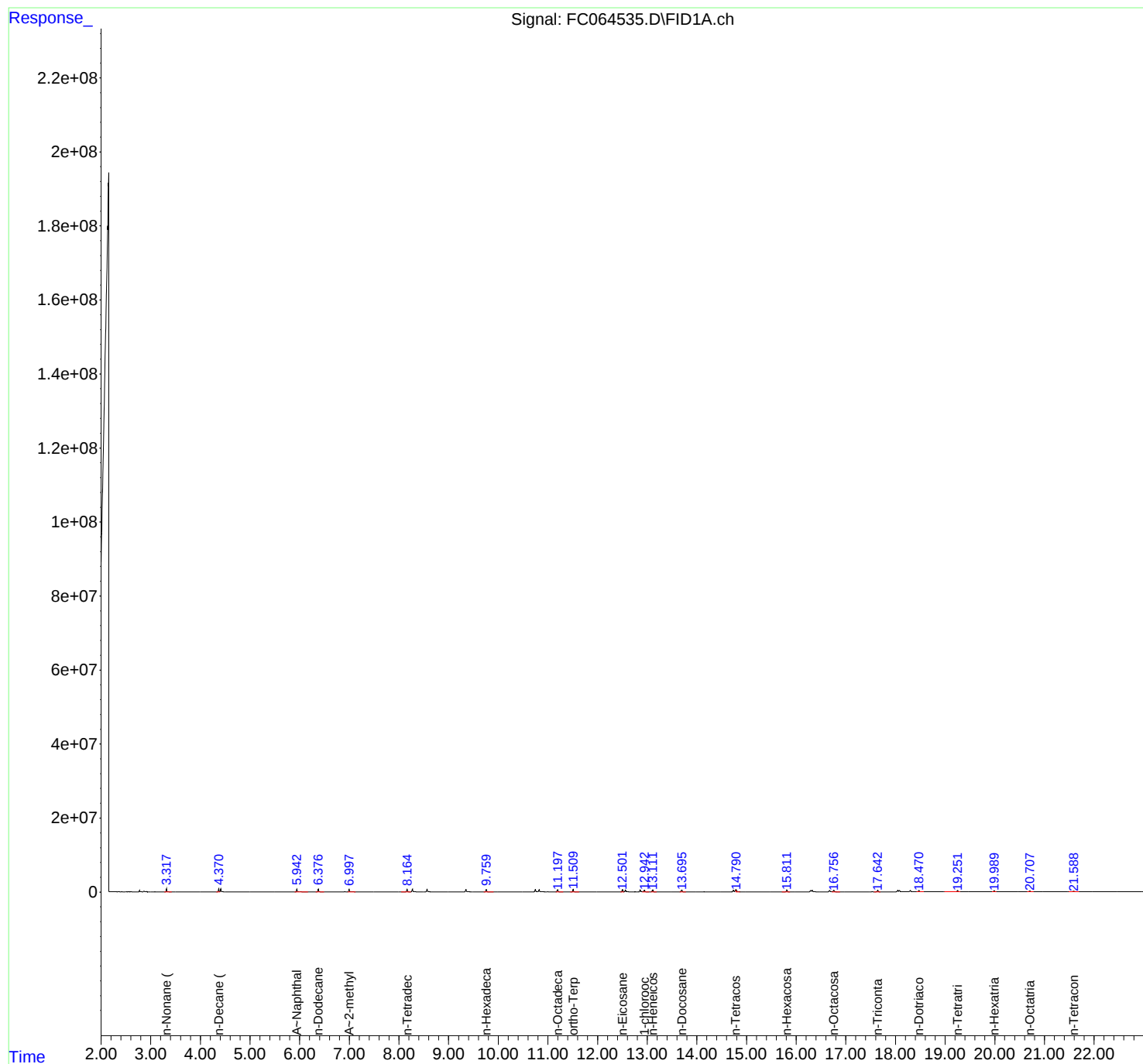
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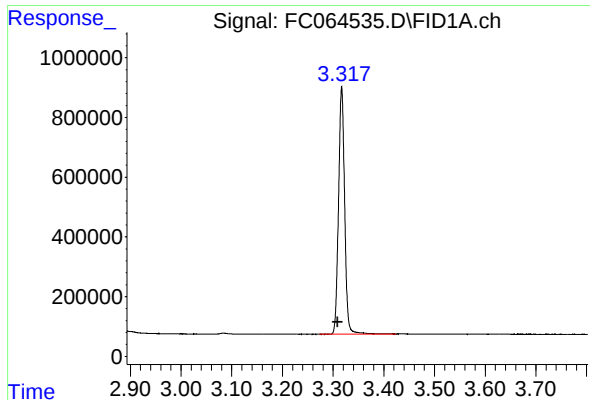
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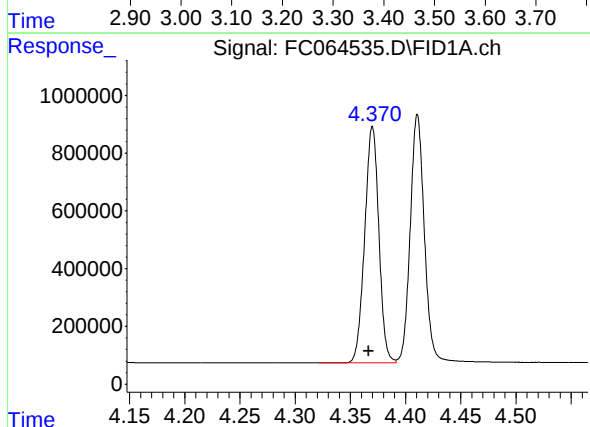
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.008 min
Response: 6934357
Conc: 39.29 ug/ml

Instrument :
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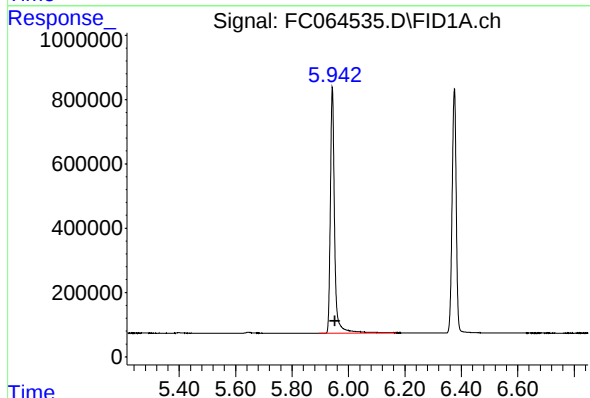
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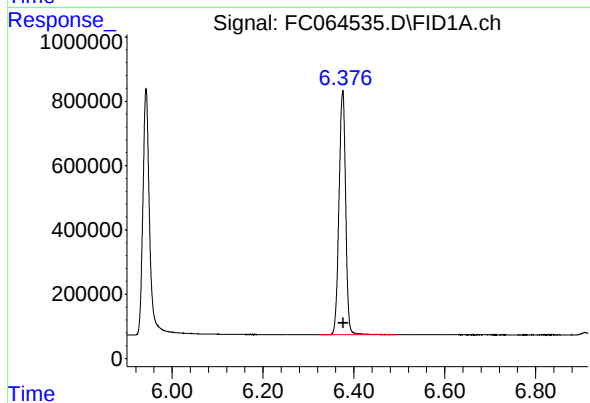
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.003 min
Response: 7307663
Conc: 41.66 ug/ml



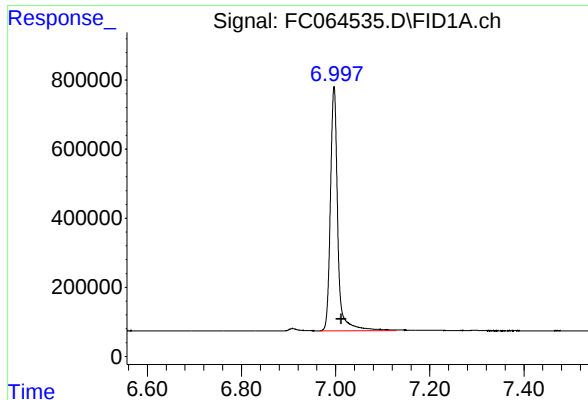
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 7942279
Conc: 42.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 7708072
Conc: 43.24 ug/ml



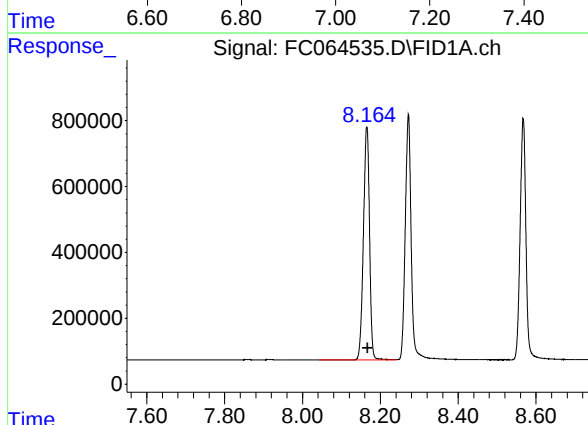
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 7657272
Conc: 43.05 ug/ml

Instrument :
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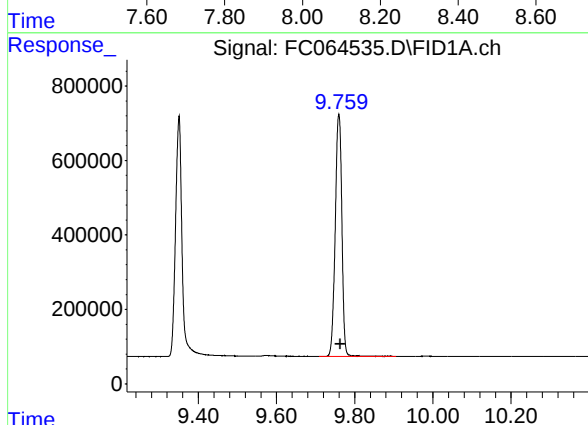
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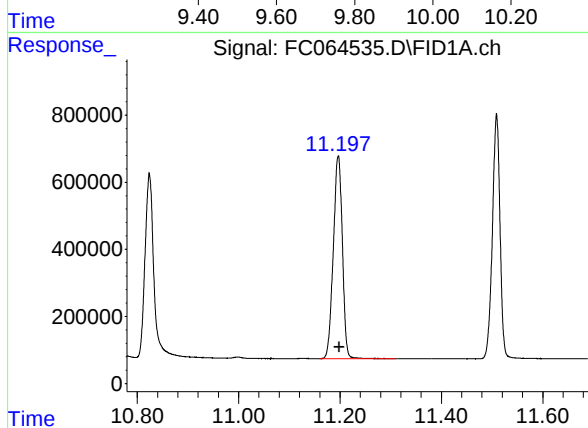
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 7683342
Conc: 44.04 ug/ml



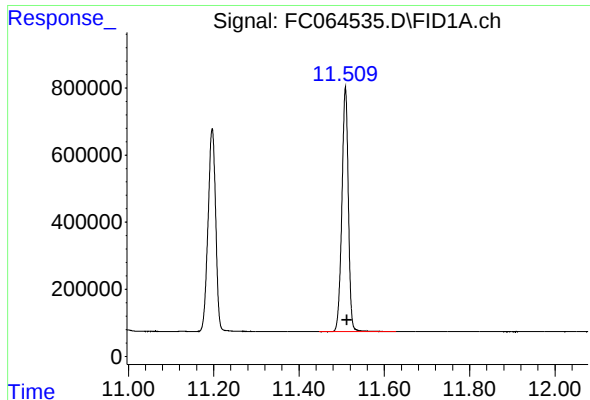
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 7636804
Conc: 44.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.002 min
Response: 7517364
Conc: 42.94 ug/ml



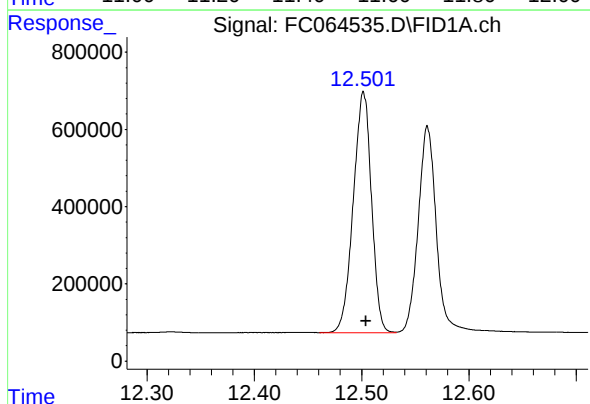
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.003 min
Response: 7635177
Conc: 35.96 ug/ml

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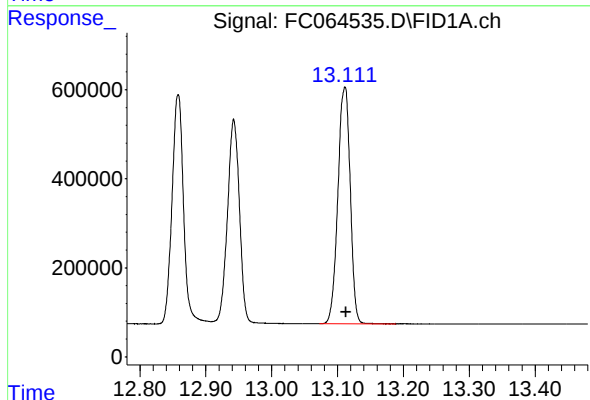
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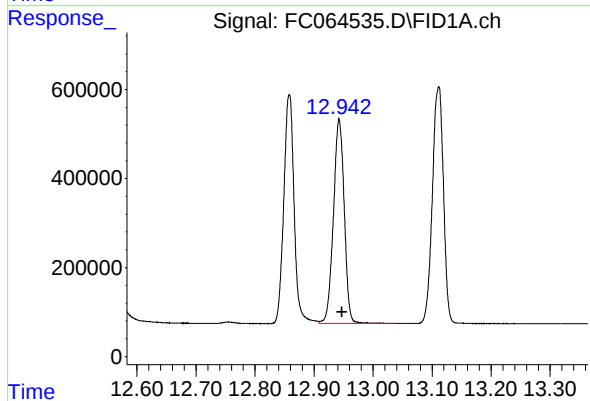
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 7345738
Conc: 43.42 ug/ml



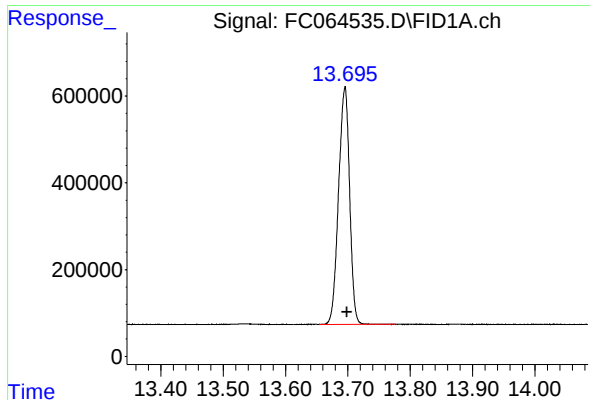
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.002 min
Response: 6929108
Conc: 41.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: -0.005 min
Response: 5858495
Conc: 38.42 ug/ml



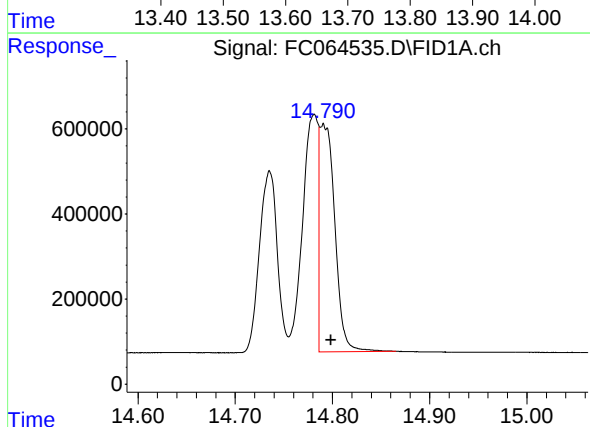
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.003 min
Response: 6737653
Conc: 41.31 ug/ml

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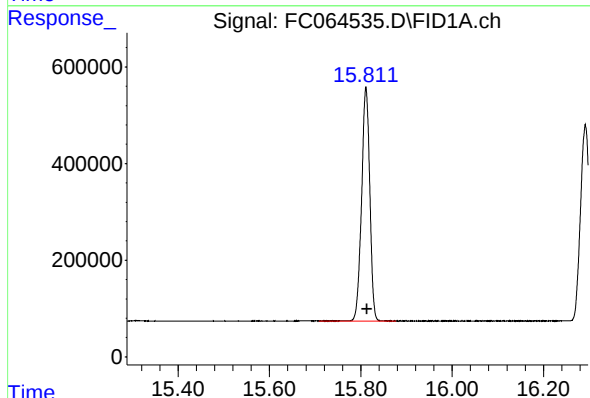
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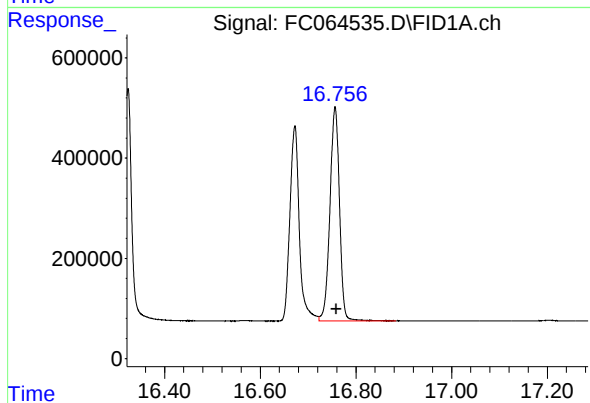
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.008 min
Response: 5806343
Conc: 36.46 ug/ml m



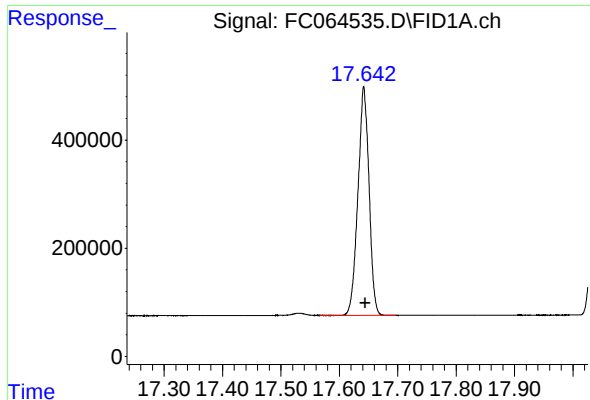
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.003 min
Response: 6011991
Conc: 38.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 5913330
Conc: 39.94 ug/ml



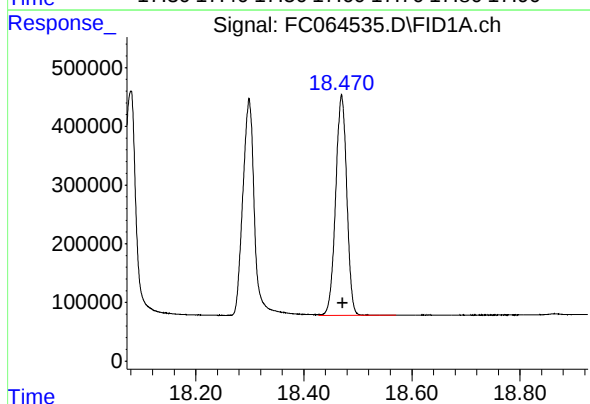
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 5587065
Conc: 38.25 ug/ml

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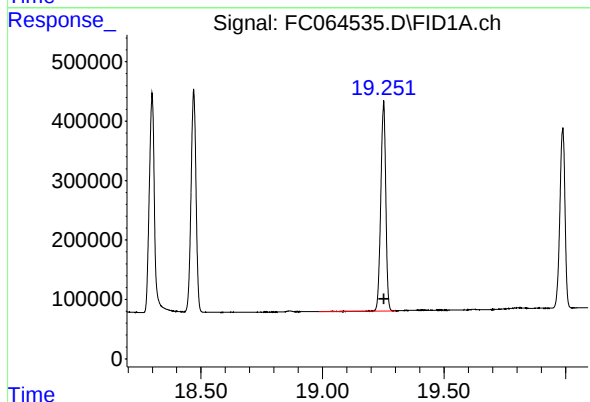
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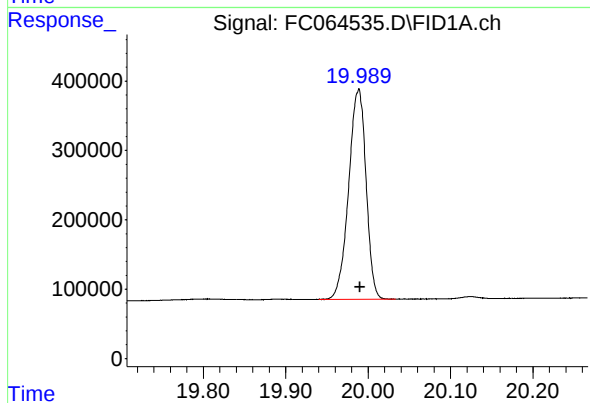
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.002 min
Response: 5373884
Conc: 38.04 ug/ml



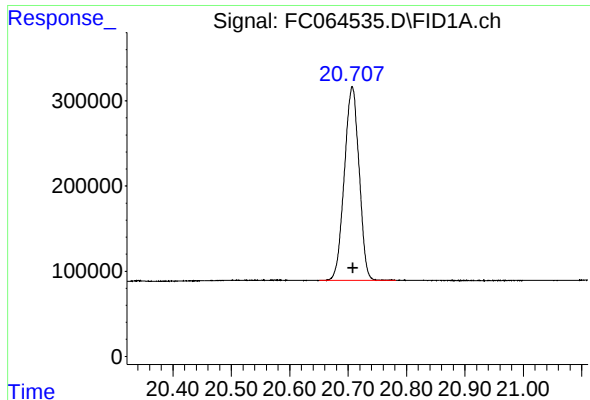
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 5022590
Conc: 37.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.002 min
Response: 4436055
Conc: 34.67 ug/ml



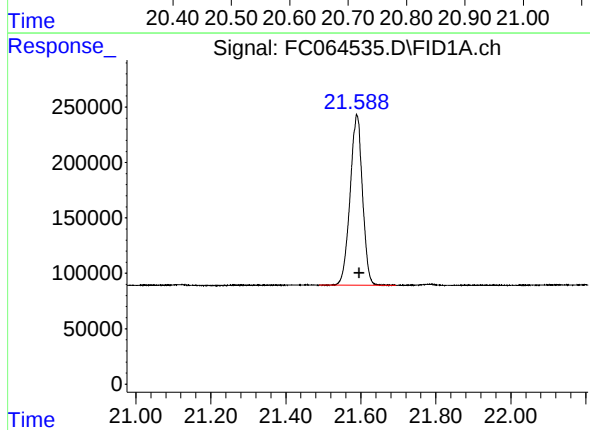
#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.002 min
Response: 3990754
Conc: 32.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 3531302
Conc: 30.41 ug/ml