

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063744.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 21:35
 Operator : YP/AJ
 Sample : 03029-15MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-10-EPH-2MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 06 02:35:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.536	5025918	27.542 ug/ml
Spiked Amount 50.000		Recovery =	55.08%
12) S 1-chlorooctadecane (S...	12.971	3863418	30.237 ug/ml
Spiked Amount 50.000		Recovery =	60.47%
Target Compounds			
1) T n-Nonane (C9)	3.316	4625354	29.020 ug/ml
2) T n-Decane (C10)	4.379	5493901	33.986 ug/ml
3) T A~Naphthalene (C11.7)	5.960	6332385	36.450 ug/ml
4) T n-Dodecane (C12)	6.393	6294456	38.495 ug/ml
5) T A~2-methylnaphthalene...	7.015	6440223	39.312 ug/ml
6) T n-Tetradecane (C14)	8.187	6864419	43.647 ug/ml
7) T n-Hexadecane (C16)	9.784	7543548	47.402 ug/ml
8) T n-Octadecane (C18)	11.223	7529733	47.588 ug/ml
10) T n-Eicosane (C20)	12.530	7451435	50.384 ug/ml
11) T n-Heneicosane (C21)	13.140	7102768	49.344 ug/ml
13) T n-Docosane (C22)	13.725	7003499	49.715 ug/ml
14) T n-Tetracosane (C24)	14.809	12479703	90.947 ug/mlm
15) T n-Hexacosane (C26)	15.845	6739338	50.827 ug/ml
16) T n-Octacosane (C28)	16.790	6711341	52.855 ug/ml
17) T n-Tricontane (C30)	17.676	6869190	53.765 ug/ml
18) T n-Dotriacontane (C32)	18.505	6692781	53.786 ug/ml
19) T n-Tetratriacontane (C34)	19.287	6830613	55.399 ug/ml
20) T n-Hexatriacontane (C36)	20.026	6397067	53.299 ug/ml
21) T n-Octatriacontane (C38)	20.755	6256733	51.823 ug/mlm
22) T n-Tetracontane (C40)	21.652	6091854	50.275 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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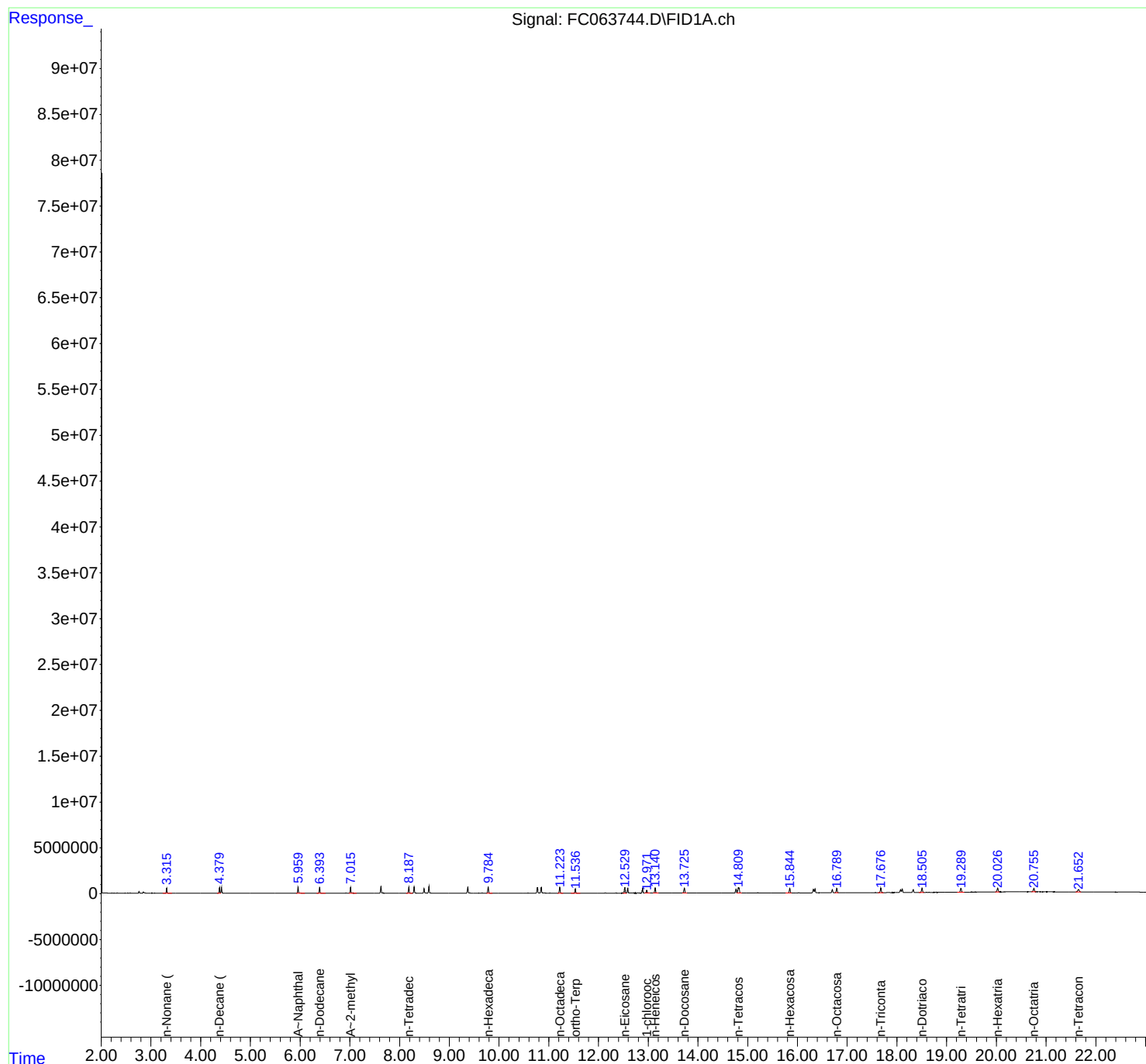
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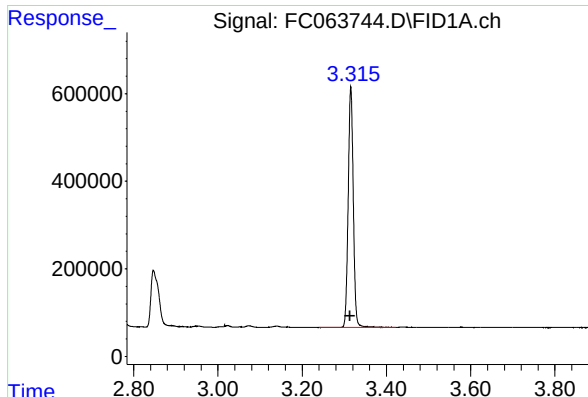
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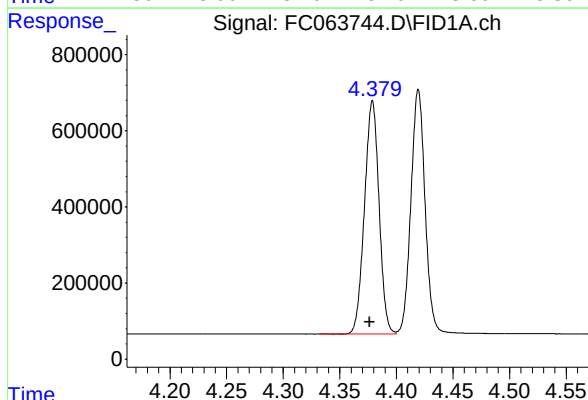
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.002 min
Response: 4625354
Conc: 29.02 ug/ml

Instrument :
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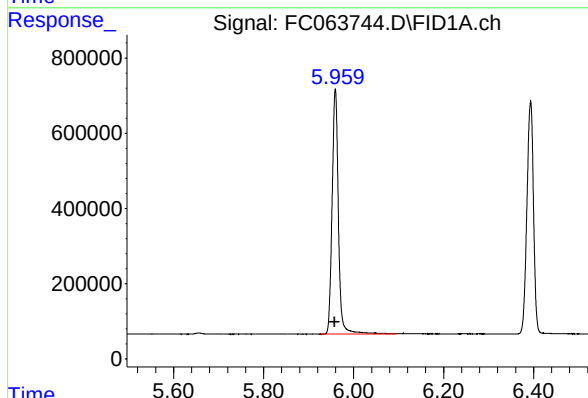
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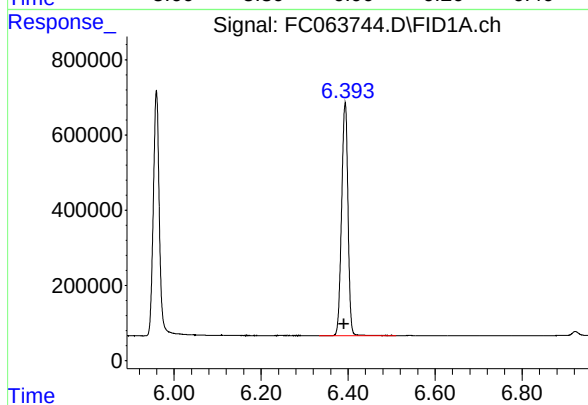
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 5493901
Conc: 33.99 ug/ml



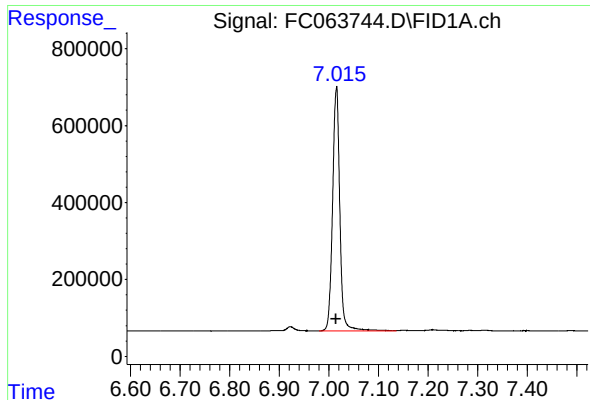
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.001 min
Response: 6332385
Conc: 36.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 6294456
Conc: 38.50 ug/ml



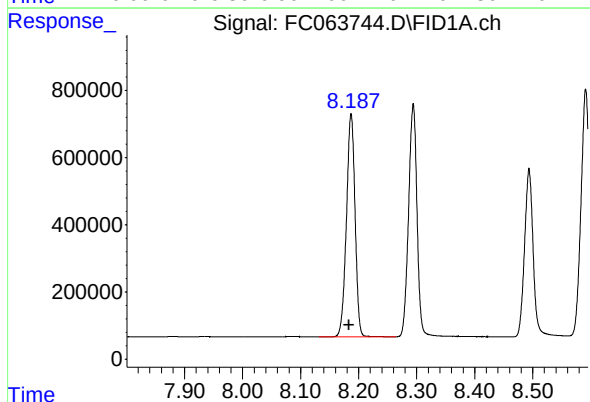
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 6440223
Conc: 39.31 ug/ml

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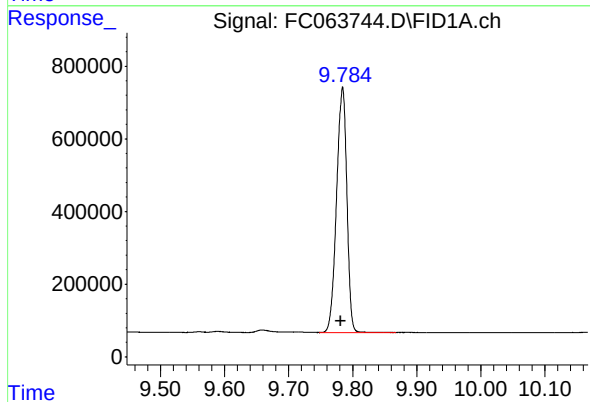
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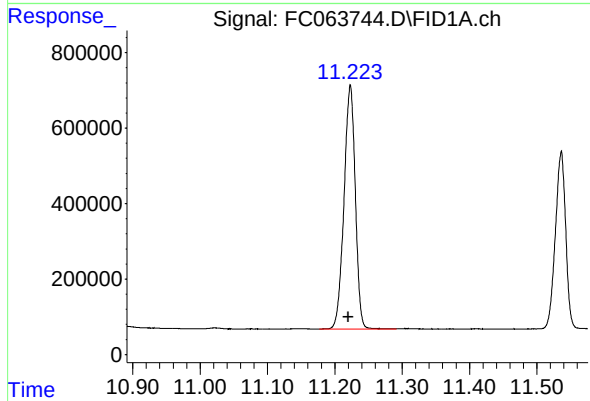
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.004 min
Response: 6864419
Conc: 43.65 ug/ml



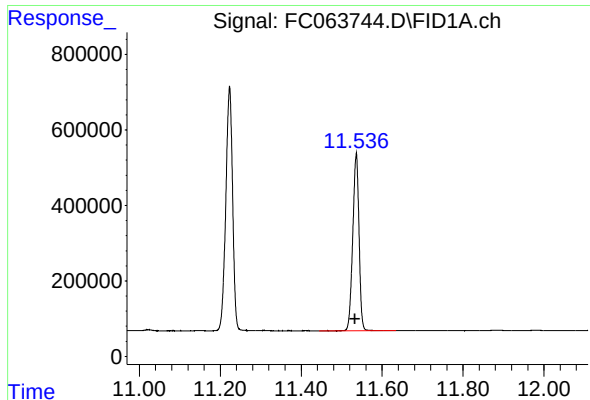
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.004 min
Response: 7543548
Conc: 47.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 7529733
Conc: 47.59 ug/ml



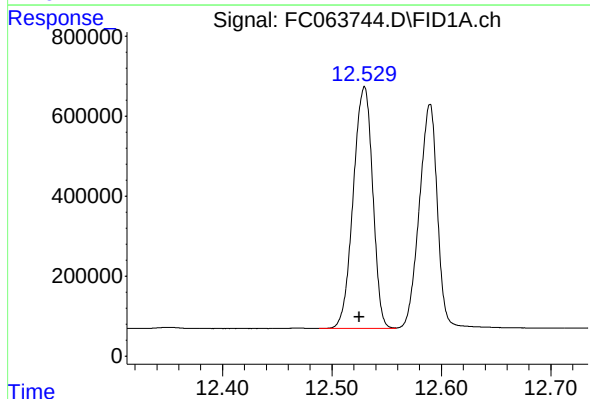
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.004 min
Response: 5025918
Conc: 27.54 ug/ml

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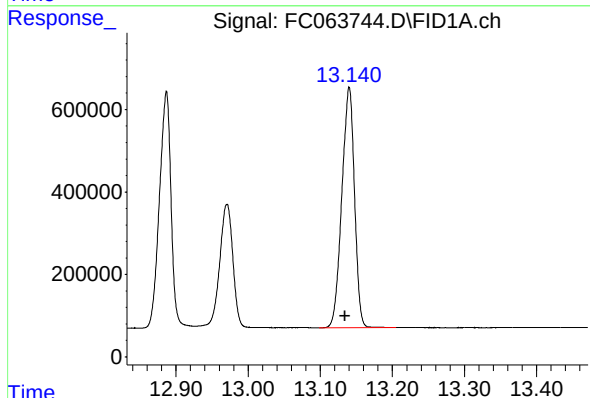
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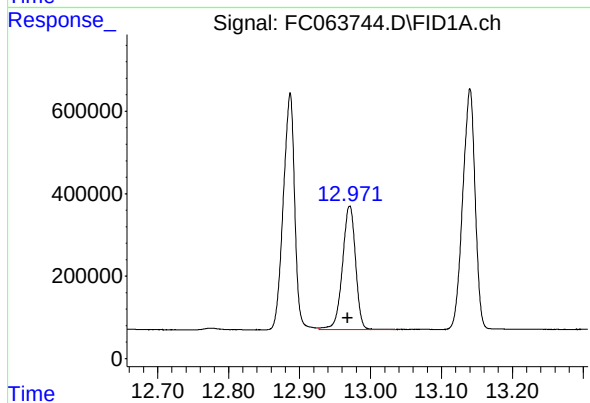
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.005 min
Response: 7451435
Conc: 50.38 ug/ml



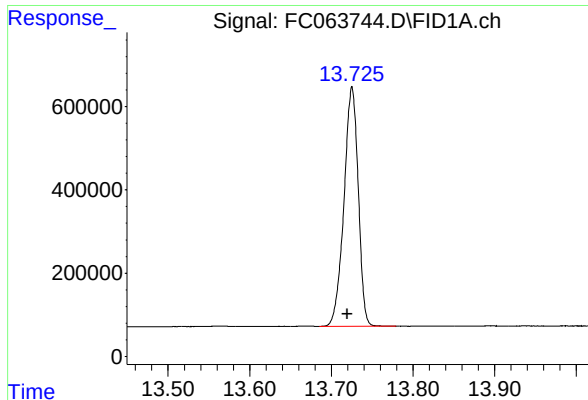
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.006 min
Response: 7102768
Conc: 49.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: 0.003 min
Response: 3863418
Conc: 30.24 ug/ml



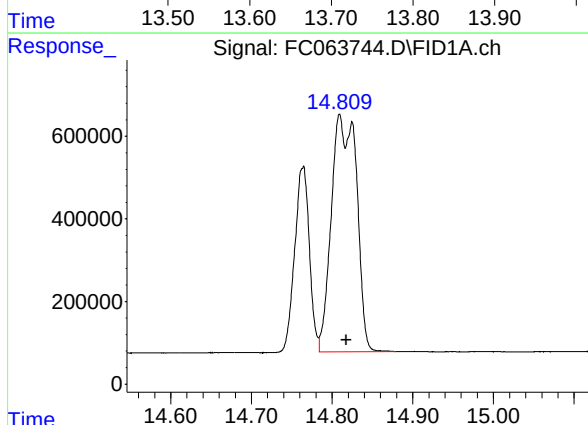
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: 0.006 min
Response: 7003499
Conc: 49.72 ug/ml

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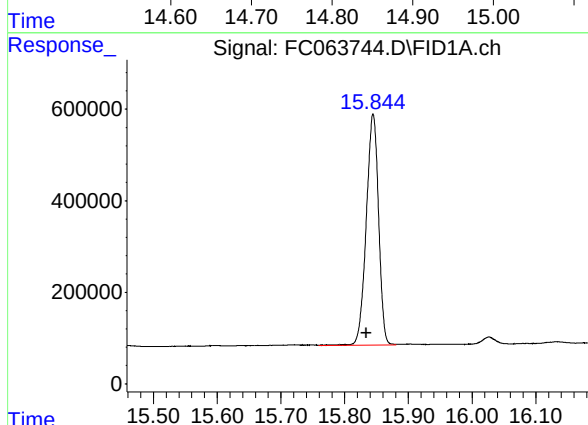
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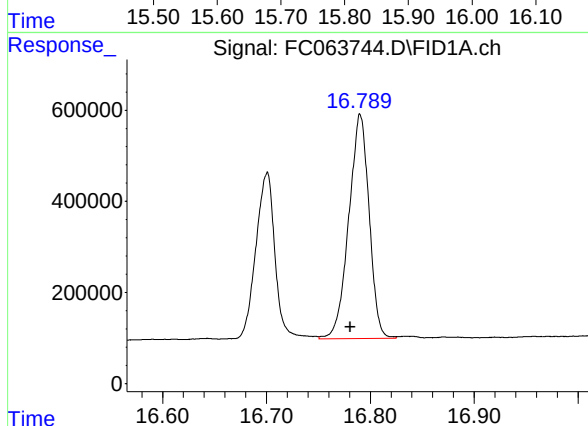
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.008 min
Response: 12479703
Conc: 90.95 ug/ml m



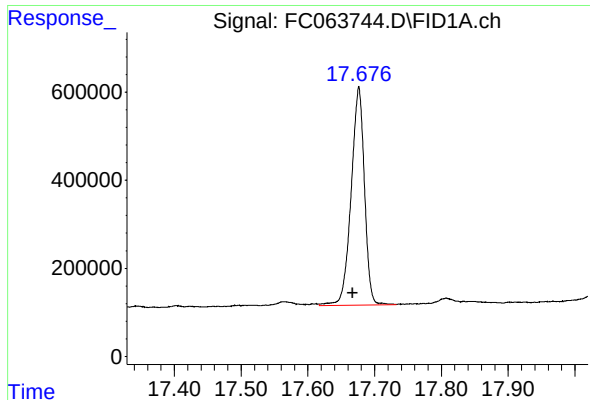
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.011 min
Response: 6739338
Conc: 50.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: 0.010 min
Response: 6711341
Conc: 52.85 ug/ml



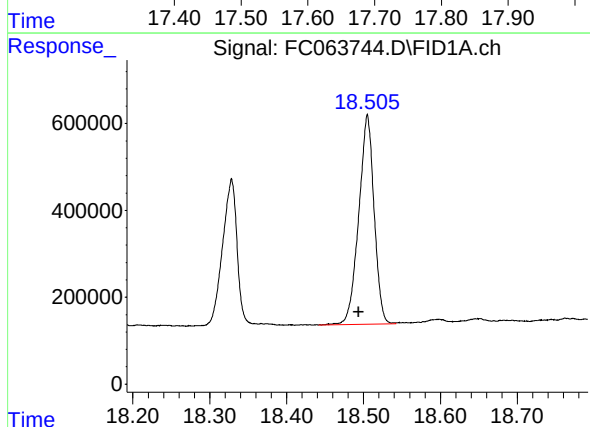
#17 n-Tricontane (C30)

R.T.: 17.676 min
Delta R.T.: 0.009 min
Response: 6869190
Conc: 53.76 ug/ml

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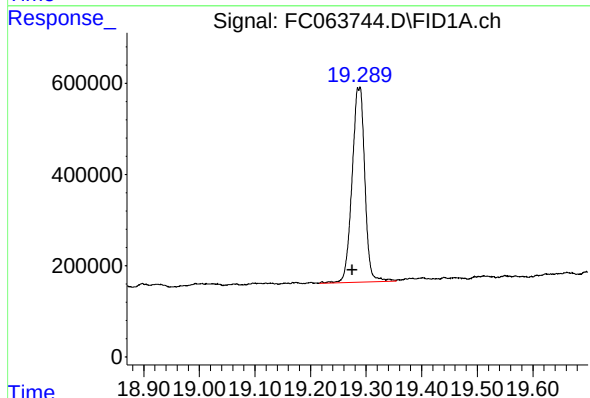
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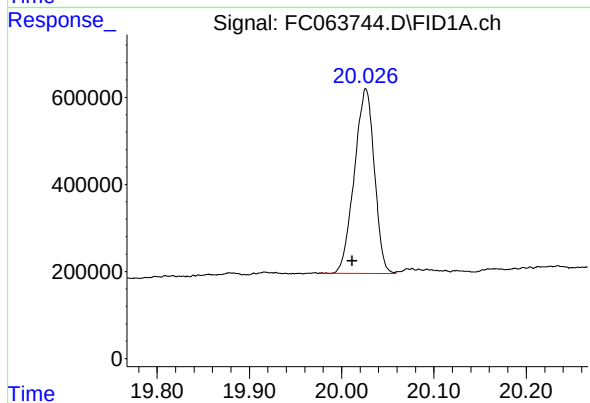
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.011 min
Response: 6692781
Conc: 53.79 ug/ml



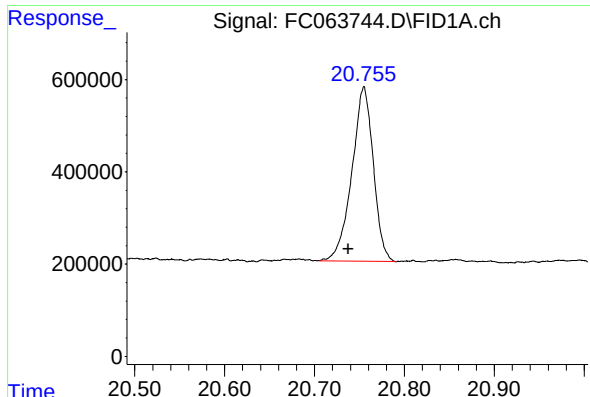
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.012 min
Response: 6830613
Conc: 55.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: 0.015 min
Response: 6397067
Conc: 53.30 ug/ml



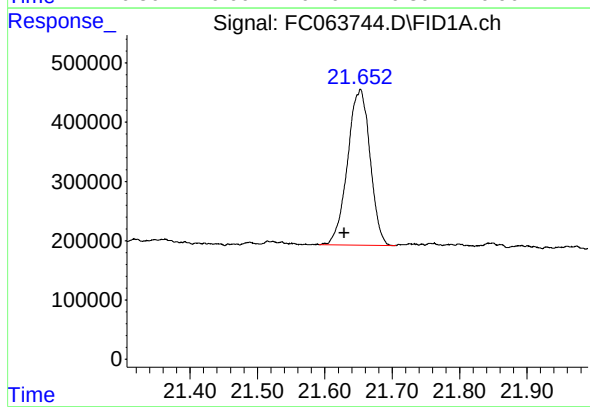
#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.017 min
Response: 6256733
Conc: 51.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.023 min
Response: 6091854
Conc: 50.28 ug/ml m