

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064120.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 12:23
 Operator : YP/AJ
 Sample : PB154194BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154194BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:45:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.522	7912333	40.751 ug/ml
Spiked Amount 50.000		Recovery =	81.50%
12) S 1-chlorooctadecane (S...	12.956	6330574	45.501 ug/ml
Spiked Amount 50.000		Recovery =	91.00%
Target Compounds			
1) T n-Nonane (C9)	3.320	7444007	41.738 ug/ml
2) T n-Decane (C10)	4.376	7865911	43.469 ug/ml
3) T A~Naphthalene (C11.7)	5.950	8976596	48.124 ug/ml
4) T n-Dodecane (C12)	6.383	8481985	47.083 ug/ml
5) T A~2-methylnaphthalene...	7.004	8828400	50.164 ug/ml
6) T n-Tetradecane (C14)	8.175	8504892	49.164 ug/ml
7) T n-Hexadecane (C16)	9.770	8364184	48.150 ug/ml
8) T n-Octadecane (C18)	11.208	8384372	48.648 ug/ml
10) T n-Eicosane (C20)	12.515	7974152	48.847 ug/ml
11) T n-Heneicosane (C21)	13.125	7787583	48.605 ug/ml
13) T n-Docosane (C22)	13.708	7668612	48.802 ug/ml
14) T n-Tetracosane (C24)	14.795	15112433	95.878 ug/ml
15) T n-Hexacosane (C26)	15.827	7317568	48.433 ug/ml
16) T n-Octacosane (C28)	16.771	7289578	48.377 ug/ml
17) T n-Tricontane (C30)	17.658	7156876	45.840 ug/ml
18) T n-Dotriacontane (C32)	18.483	7098951	44.937 ug/ml
19) T n-Tetratriacontane (C34)	19.265	6931155	45.043 ug/ml
20) T n-Hexatriacontane (C36)	20.002	6684573	45.277 ug/mlm
21) T n-Octatriacontane (C38)	20.725	6476261	43.721 ug/ml
22) T n-Tetracontane (C40)	21.611	6469143	44.383 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
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Acq On : 17 Jul 2023 12:23
Operator : YP/AJ
Sample : PB154194BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

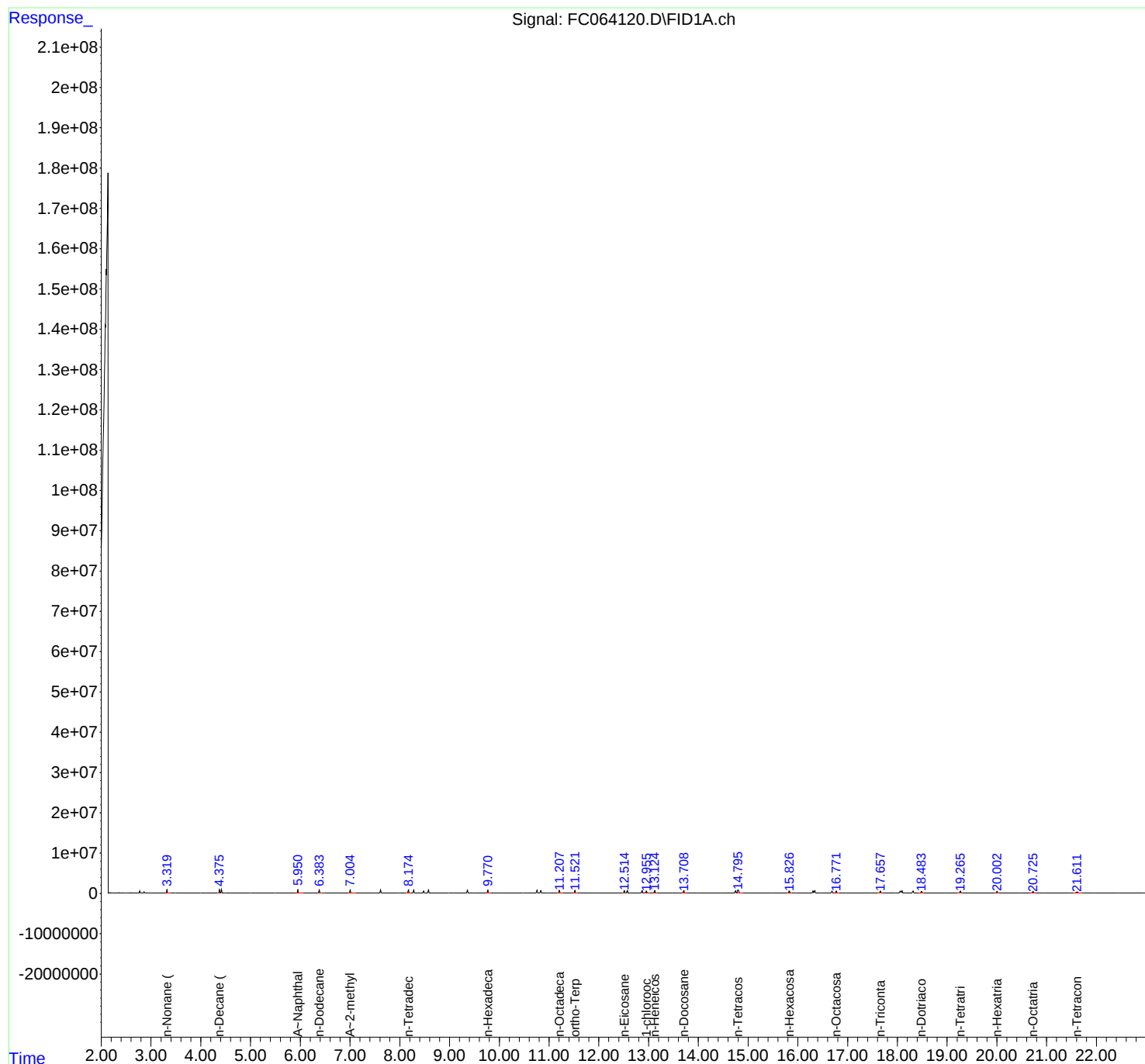
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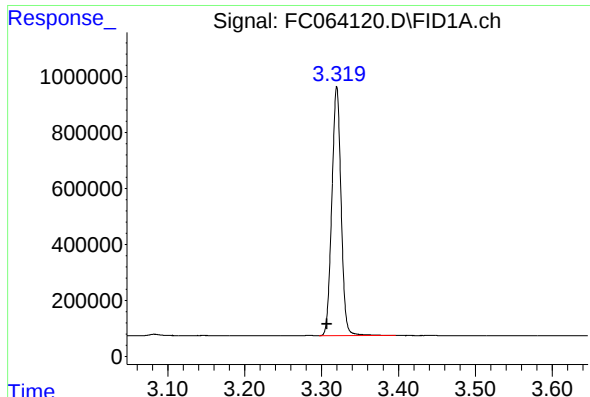
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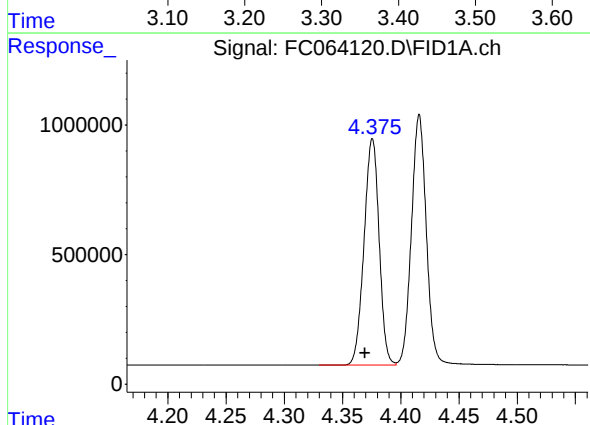
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.013 min
Response: 7444007
Conc: 41.74 ug/ml

Instrument :
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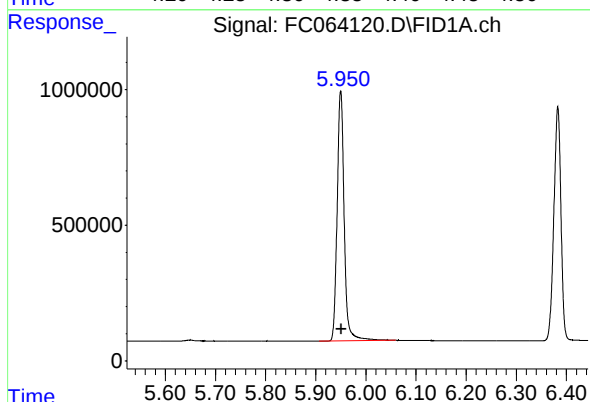
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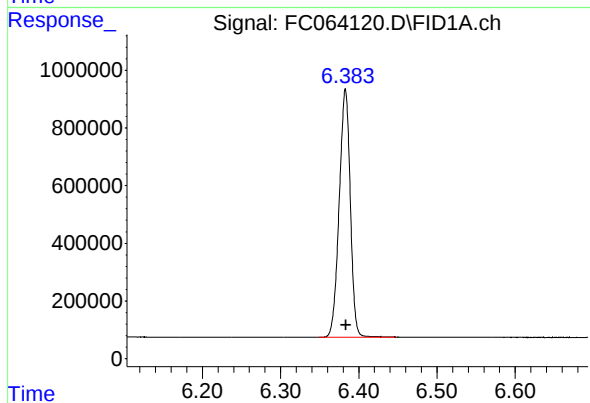
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.007 min
Response: 7865911
Conc: 43.47 ug/ml



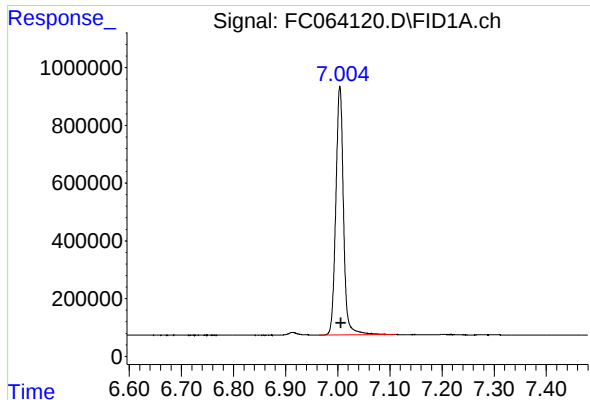
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 8976596
Conc: 48.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 8481985
Conc: 47.08 ug/ml



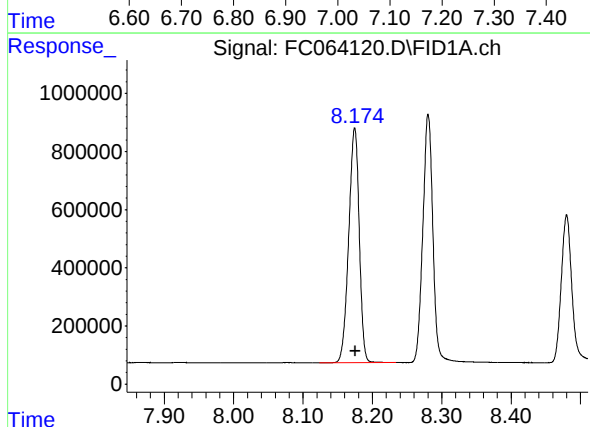
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 8828400
Conc: 50.16 ug/ml

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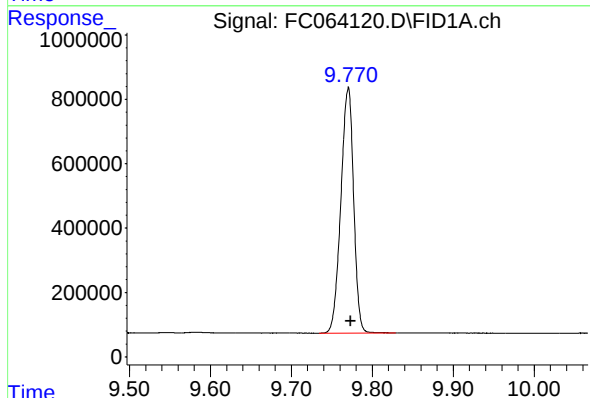
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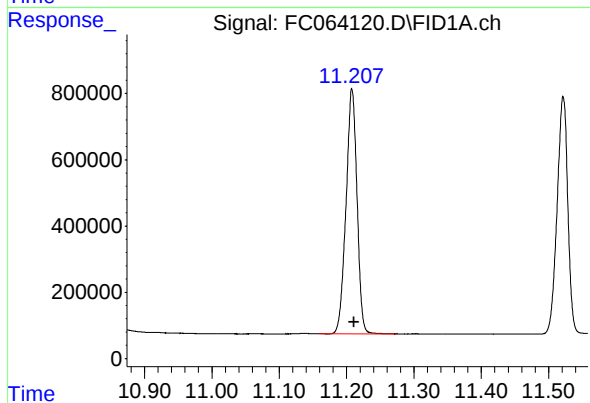
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 8504892
Conc: 49.16 ug/ml



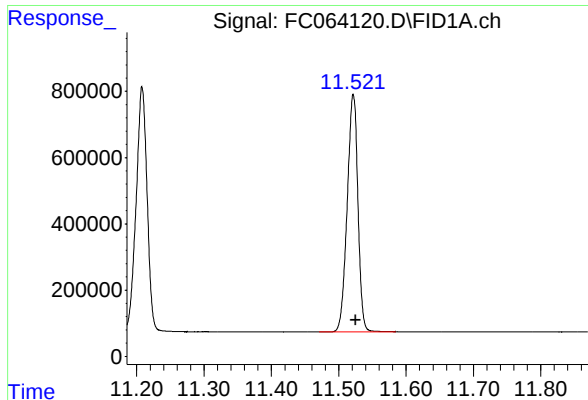
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 8364184
Conc: 48.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 8384372
Conc: 48.65 ug/ml



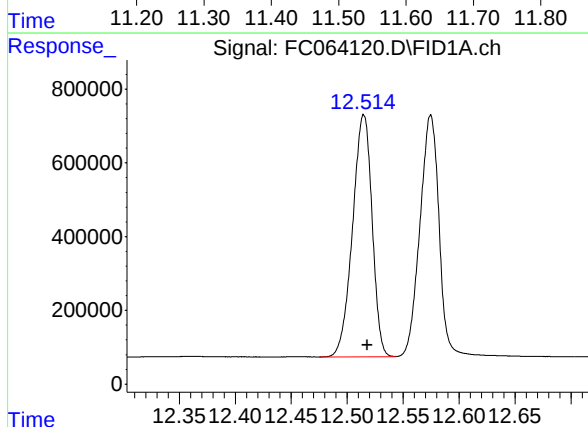
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 7912333
Conc: 40.75 ug/ml

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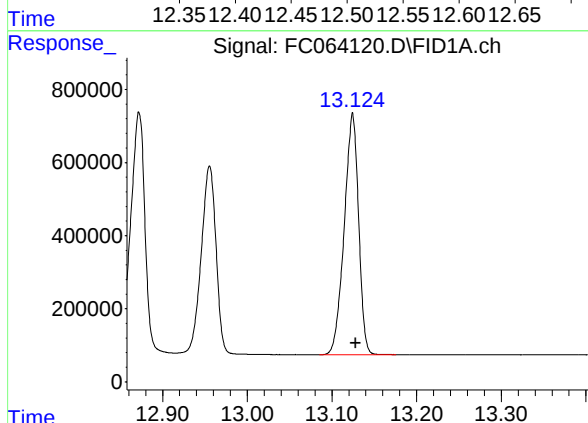
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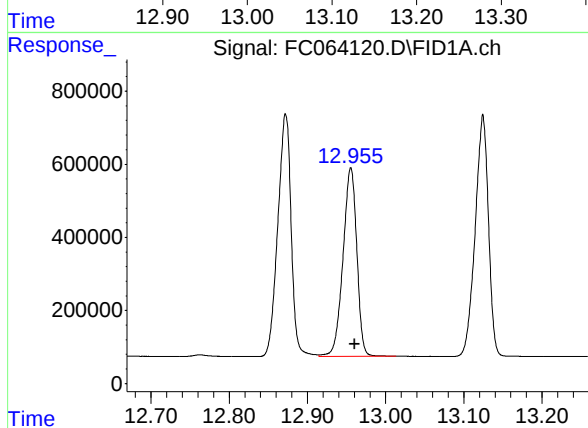
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 7974152
Conc: 48.85 ug/ml



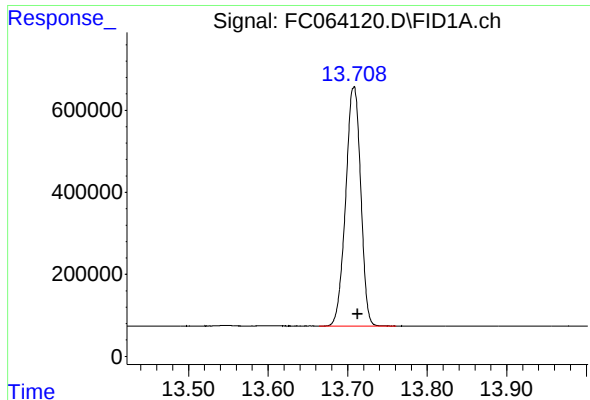
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 7787583
Conc: 48.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 6330574
Conc: 45.50 ug/ml



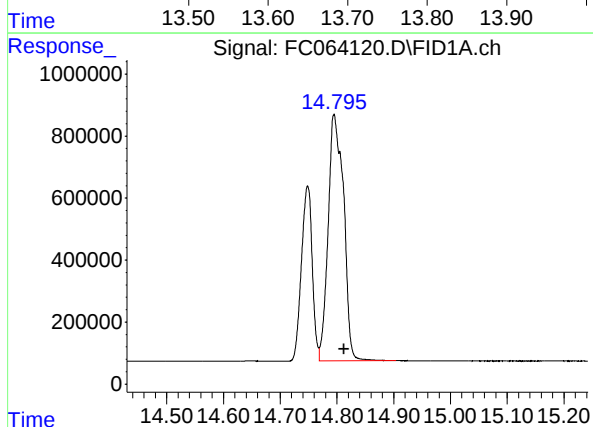
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.005 min
Response: 7668612
Conc: 48.80 ug/ml

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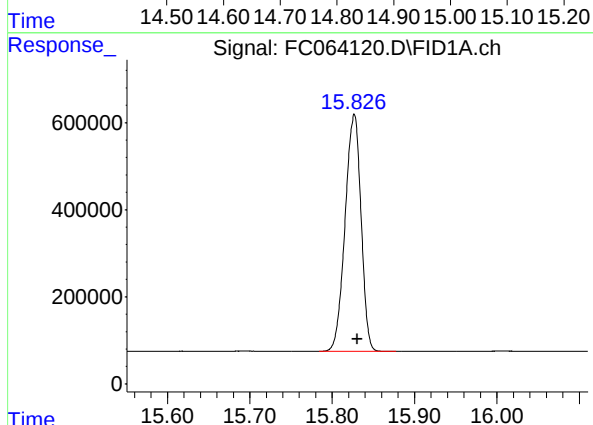
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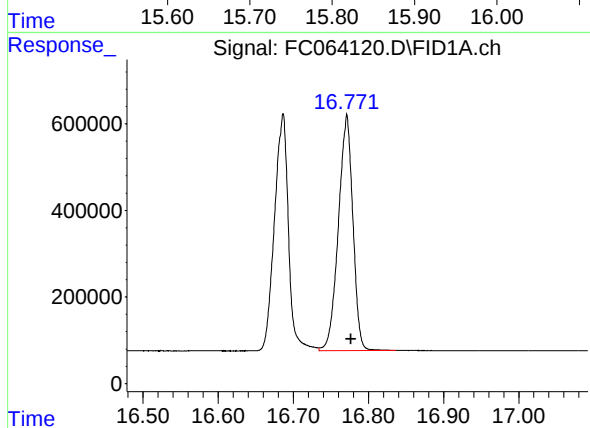
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.017 min
Response: 15112433
Conc: 95.88 ug/ml



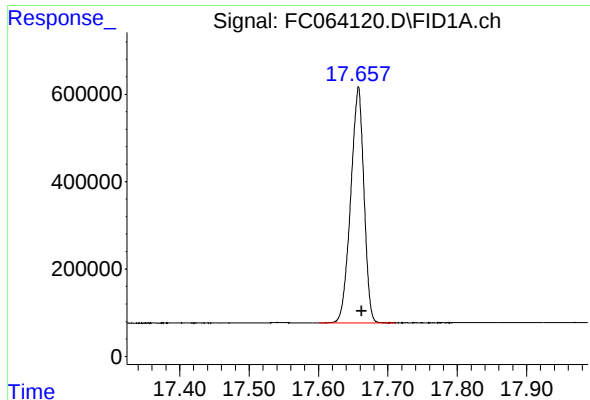
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.003 min
Response: 7317568
Conc: 48.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.006 min
Response: 7289578
Conc: 48.38 ug/ml



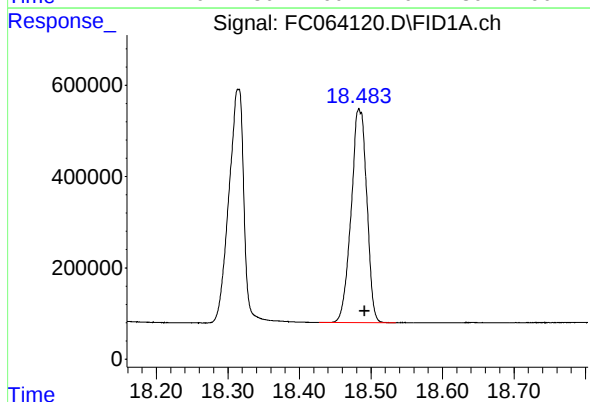
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.004 min
Response: 7156876
Conc: 45.84 ug/ml

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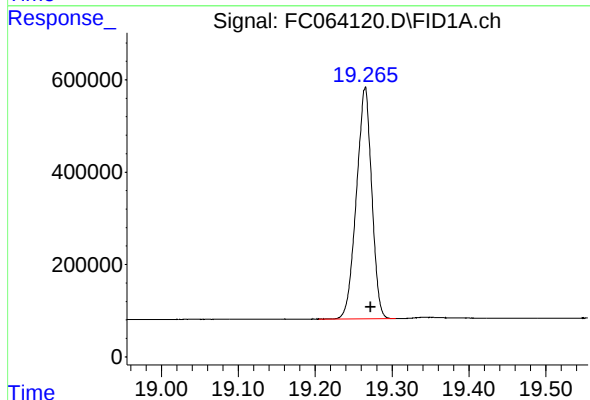
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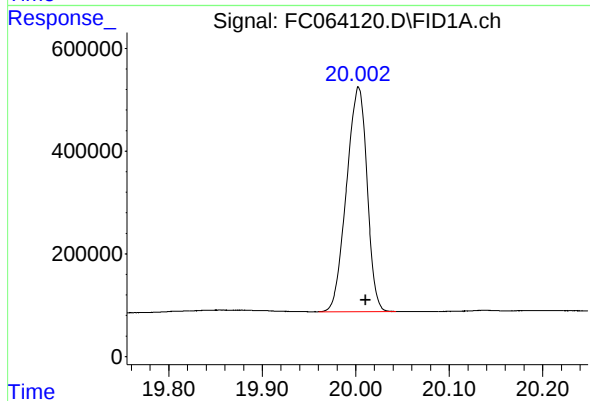
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.008 min
Response: 7098951
Conc: 44.94 ug/ml



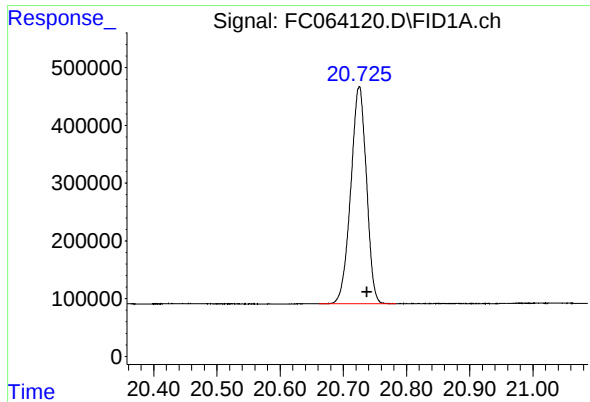
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.007 min
Response: 6931155
Conc: 45.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: -0.009 min
Response: 6684573
Conc: 45.28 ug/ml m



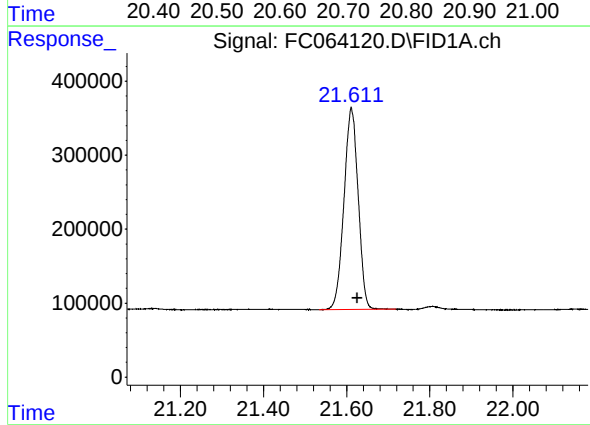
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.012 min
Response: 6476261
Conc: 43.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: -0.014 min
Response: 6469143
Conc: 44.38 ug/ml