

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061108.D
 Signal(s) : FID1A.ch
 Acq On : 13 Aug 2022 01:57
 Operator : YP/AJ
 Sample : N4183-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 STOCKPILE-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 22:25:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.634	6383519	38.898 ug/ml
Spiked Amount 50.000		Recovery =	77.80%
12) S 1-chlorooctadecane (S...	11.998	5766943	43.441 ug/ml
Spiked Amount 50.000		Recovery =	86.88%
Target Compounds			
1) T n-Nonane (C9)	2.635	4075587	28.938 ug/ml
2) T n-Decane (C10)	3.627	4225216	29.952 ug/ml
3) T A~Naphthalene (C11.7)	5.167	5696661	40.076 ug/ml
4) T n-Dodecane (C12)	5.570	5295386	35.728 ug/ml
5) T A~2-methylnaphthalene...	6.188	6181113	45.068 ug/ml
6) T n-Tetradecane (C14)	7.320	6022921	40.117 ug/ml
7) T n-Hexadecane (C16)	8.878	6460790	42.217 ug/ml
8) T n-Octadecane (C18)	10.286	6858734	43.923 ug/ml
10) T n-Eicosane (C20)	11.563	6722871	42.839 ug/ml
11) T n-Heneicosane (C21)	12.158	6530897	41.739 ug/ml
13) T n-Docosane (C22)	12.730	6543999	41.971 ug/ml
14) T n-Tetracosane (C24)	13.805	4276064	28.009 ug/mlm
15) T n-Hexacosane (C26)	14.804	5822427	39.006 ug/ml
16) T n-Octacosane (C28)	15.727	11009541	76.832 ug/ml
17) T n-Tricontane (C30)	16.596	5581023	39.864 ug/ml
18) T n-Dotriacontane (C32)	17.405	6347057	47.029 ug/ml
19) T n-Tetratriacontane (C34)	18.168	5421747	43.229 ug/ml
20) T n-Hexatriacontane (C36)	18.889	5312750	43.463 ug/ml
21) T n-Octatriacontane (C38)	19.570	5174075	43.839 ug/mlm
22) T n-Tetracontane (C40)	20.217	5145609	44.707 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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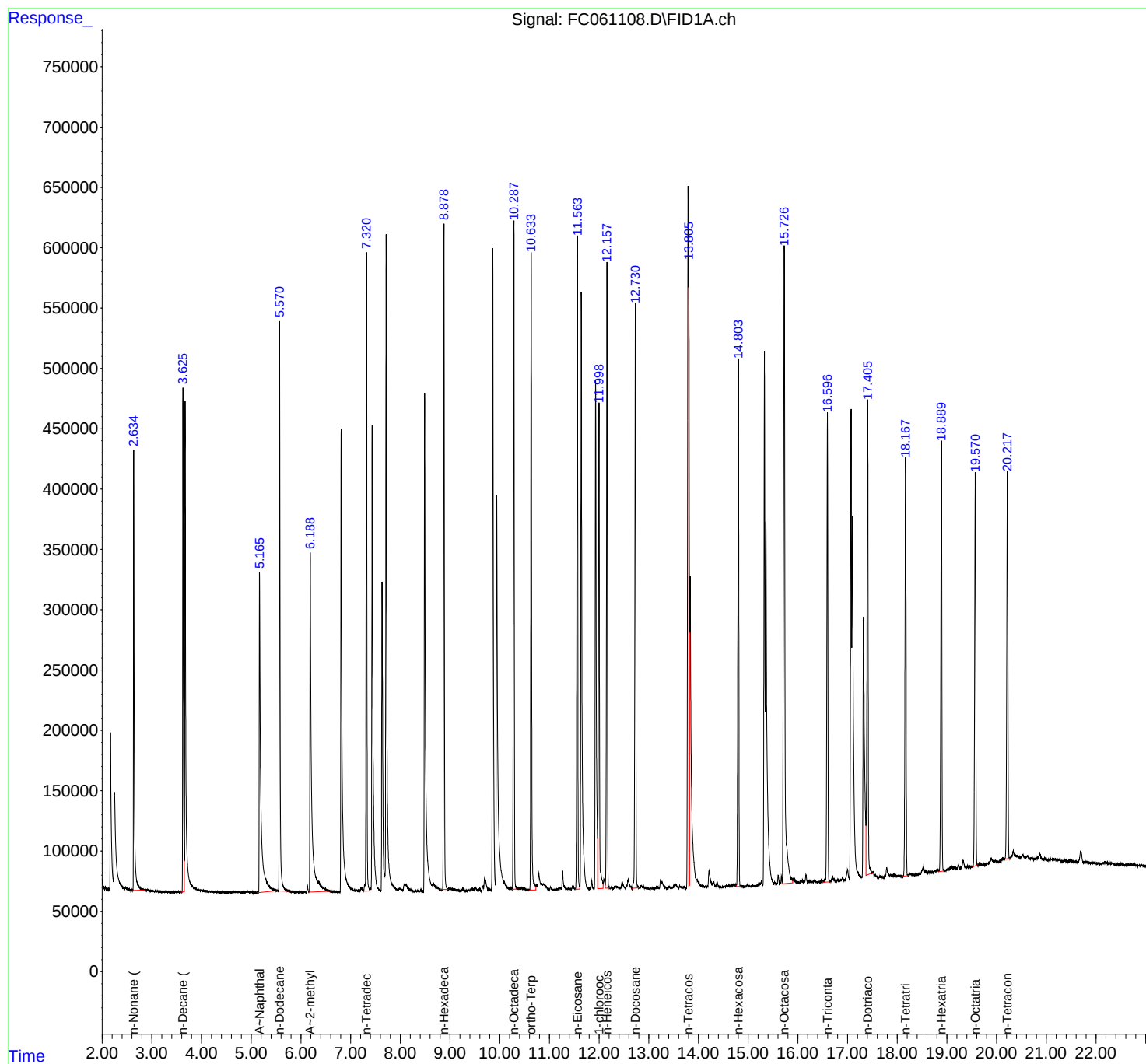
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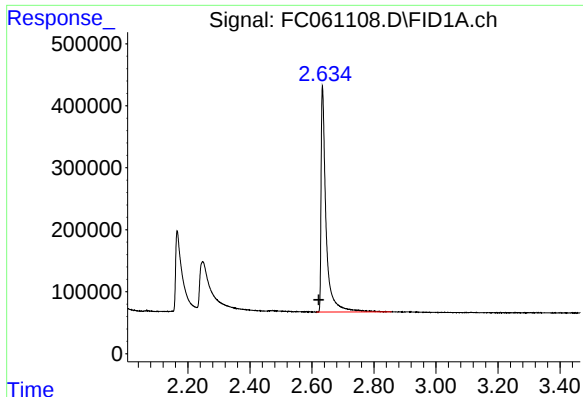
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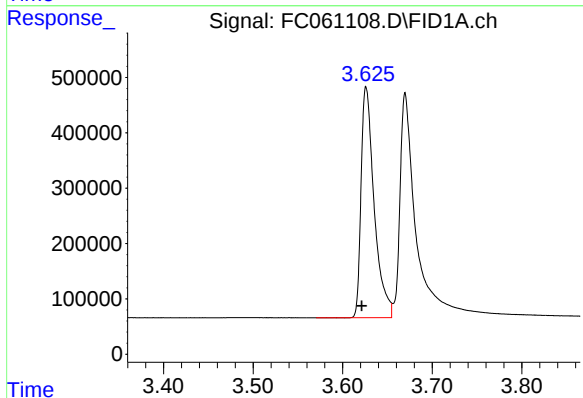
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 4075587
Conc: 28.94 ug/ml

Instrument :
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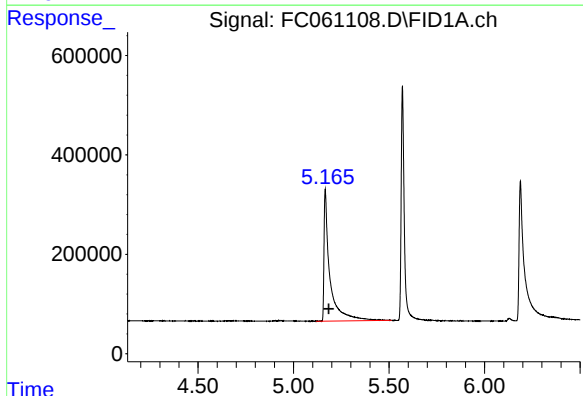
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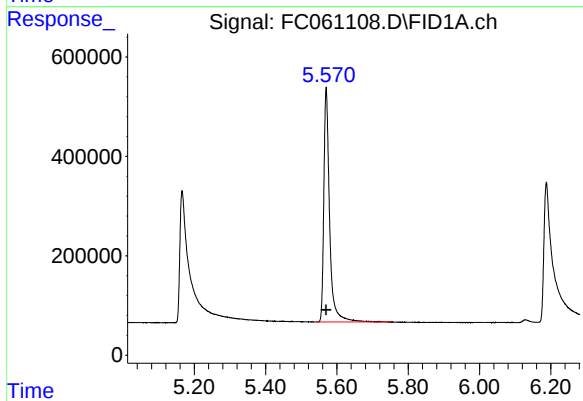
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.005 min
Response: 4225216
Conc: 29.95 ug/ml



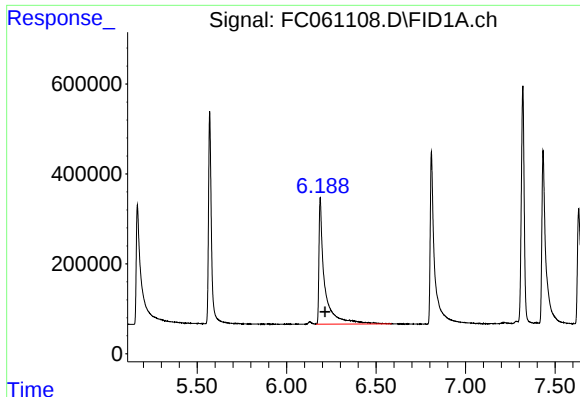
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.018 min
Response: 5696661
Conc: 40.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 5295386
Conc: 35.73 ug/ml



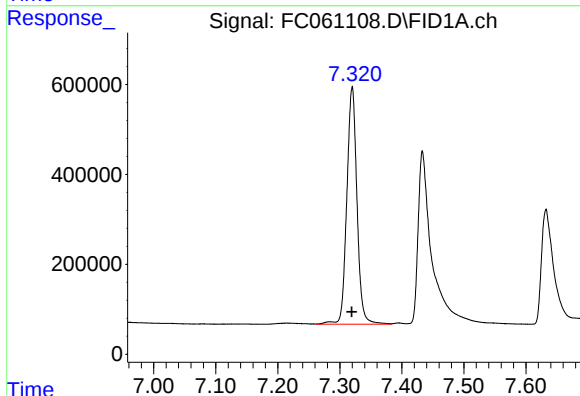
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.027 min
Response: 6181113
Conc: 45.07 ug/ml

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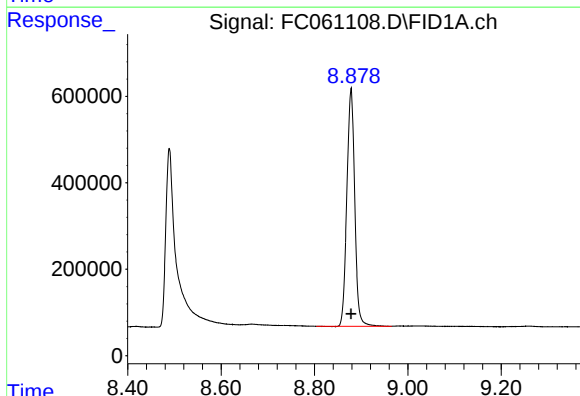
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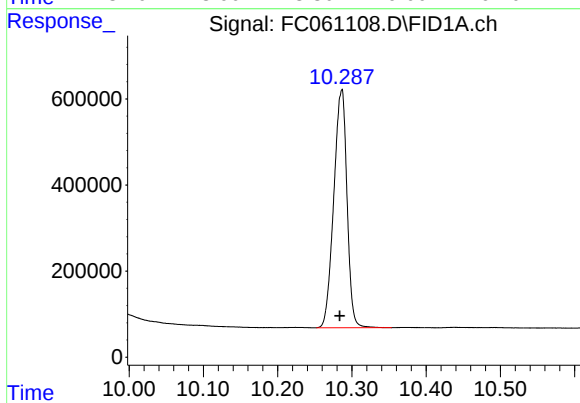
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 6022921
Conc: 40.12 ug/ml



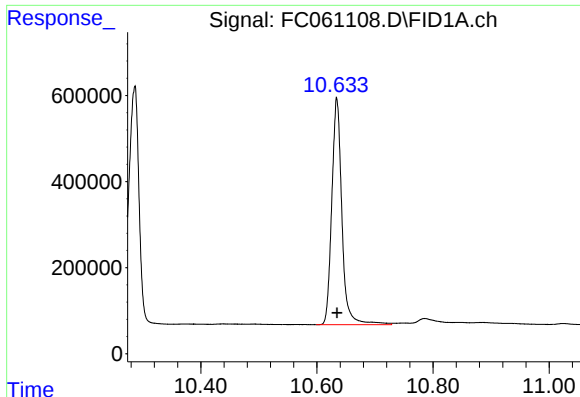
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 6460790
Conc: 42.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 6858734
Conc: 43.92 ug/ml



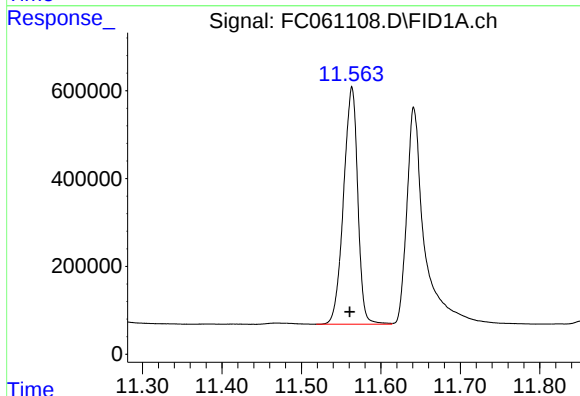
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 6383519
Conc: 38.90 ug/ml

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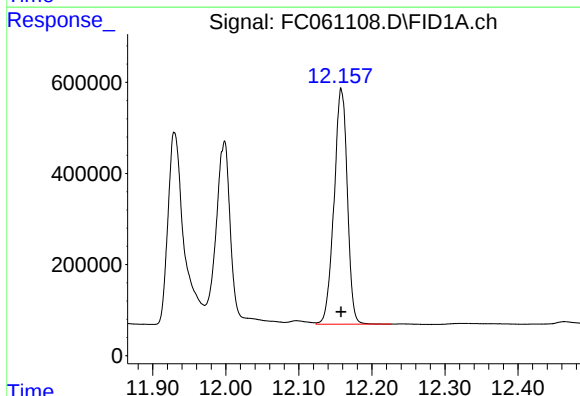
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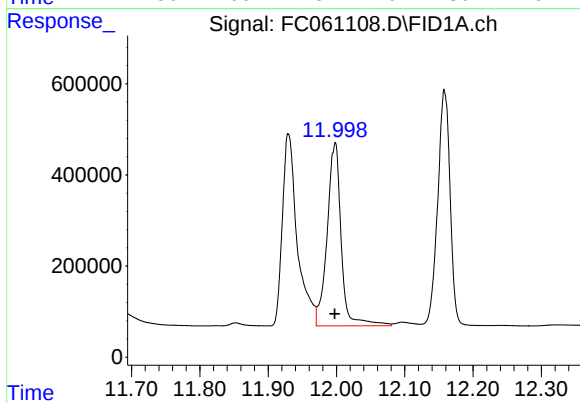
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 6722871
Conc: 42.84 ug/ml



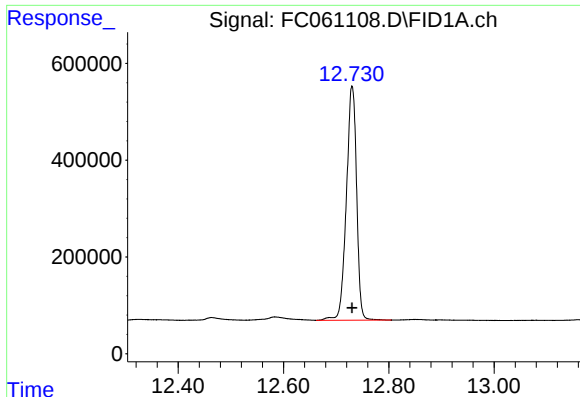
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 6530897
Conc: 41.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 5766943
Conc: 43.44 ug/ml



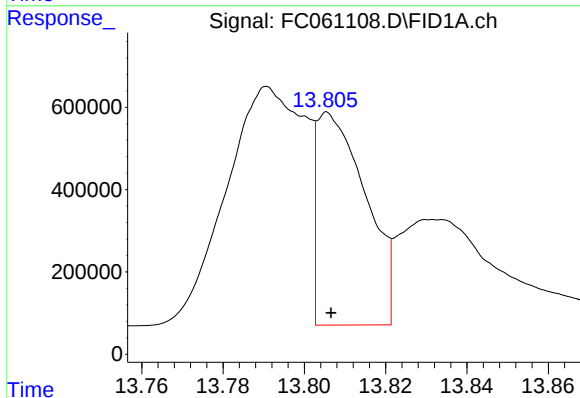
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 6543999
Conc: 41.97 ug/ml

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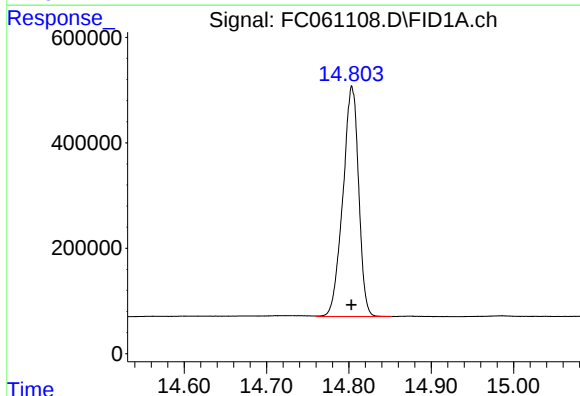
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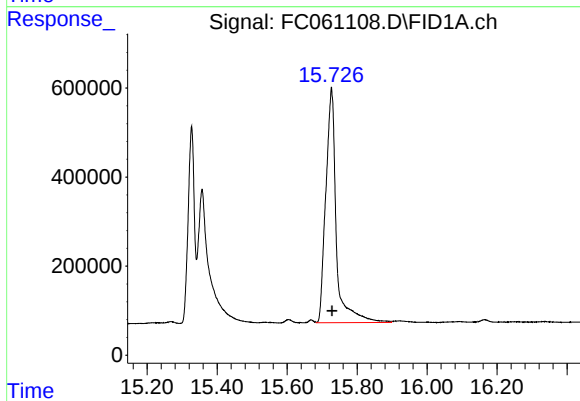
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.001 min
Response: 4276064
Conc: 28.01 ug/ml m



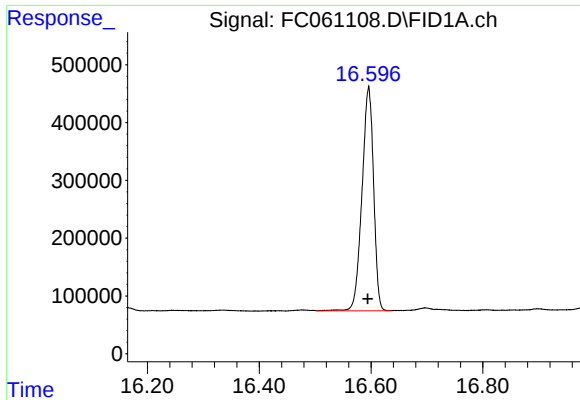
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 5822427
Conc: 39.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.727 min
Delta R.T.: -0.002 min
Response: 11009541
Conc: 76.83 ug/ml



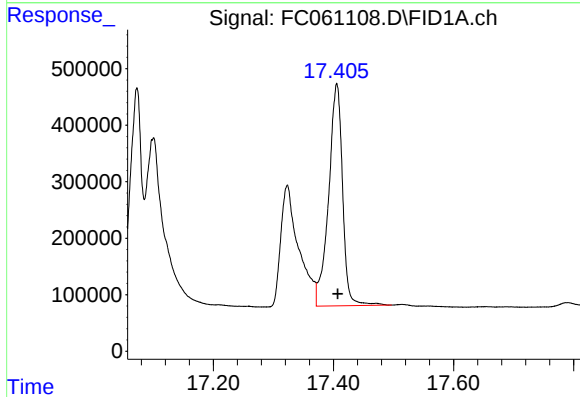
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.001 min
Response: 5581023
Conc: 39.86 ug/ml

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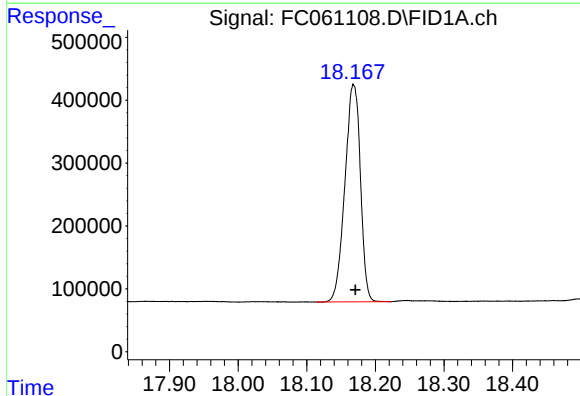
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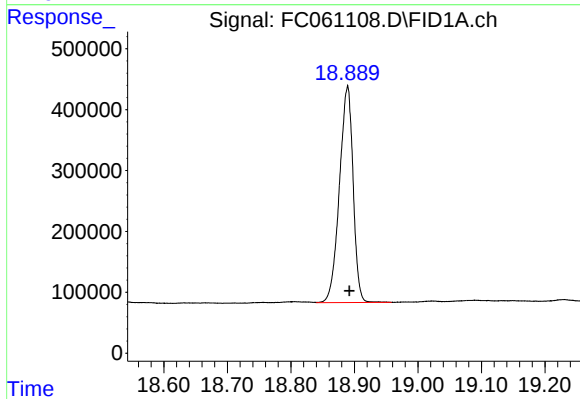
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 6347057
Conc: 47.03 ug/ml



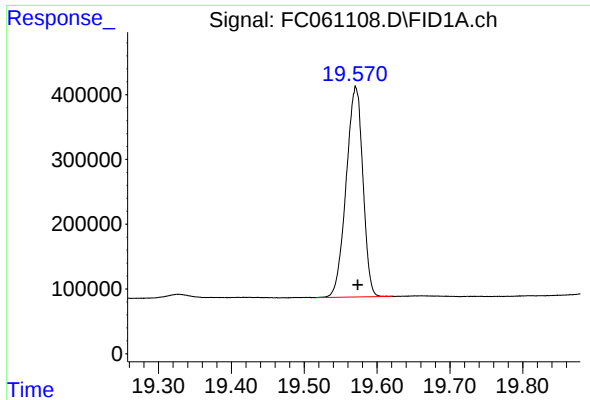
#19 n-Tetratriacontane (C34)

R.T.: 18.168 min
Delta R.T.: -0.003 min
Response: 5421747
Conc: 43.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.003 min
Response: 5312750
Conc: 43.46 ug/ml



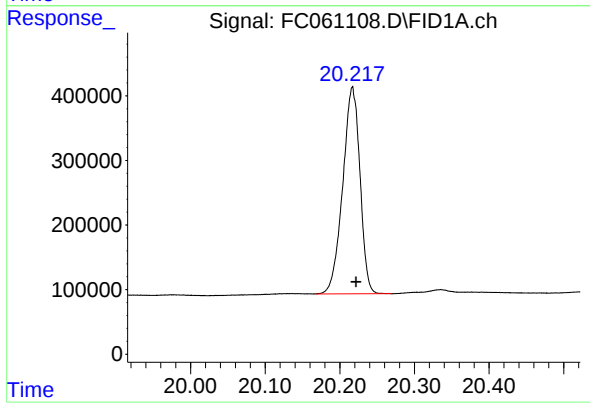
#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.004 min
Response: 5174075
Conc: 43.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 5145609
Conc: 44.71 ug/ml m