

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061109.D
 Signal(s) : FID1A.ch
 Acq On : 13 Aug 2022 02:39
 Operator : YP/AJ
 Sample : N4183-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 STOCKPILE-EPH-2MSD

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 22:26:07 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)	10.635	6305582	38.423 ug/ml
Spiked Amount 50.000		Recovery =	76.85%
12) S 1-chlorooctadecane (S...	11.997	5721508	43.098 ug/ml
Spiked Amount 50.000		Recovery =	86.20%
Target Compounds			
1) T n-Nonane (C9)	2.636	3983527	28.284 ug/ml
2) T n-Decane (C10)	3.627	4181008	29.639 ug/ml
3) T A~Naphthalene (C11.7)	5.167	5623190	39.559 ug/ml
4) T n-Dodecane (C12)	5.570	5226202	35.261 ug/ml
5) T A~2-methylnaphthalene...	6.189	6026168	43.938 ug/ml
6) T n-Tetradecane (C14)	7.319	5942359	39.580 ug/ml
7) T n-Hexadecane (C16)	8.878	6407383	41.868 ug/ml
8) T n-Octadecane (C18)	10.286	6779879	43.418 ug/ml
10) T n-Eicosane (C20)	11.563	6652700	42.392 ug/ml
11) T n-Heneicosane (C21)	12.159	6464664	41.316 ug/ml
13) T n-Docosane (C22)	12.729	6468549	41.487 ug/ml
14) T n-Tetracosane (C24)	13.804	5250593	34.392 ug/mlm
15) T n-Hexacosane (C26)	14.803	5740703	38.458 ug/ml
16) T n-Octacosane (C28)	15.727	10834419	75.610 ug/ml
17) T n-Tricontane (C30)	16.595	5483203	39.165 ug/ml
18) T n-Dotriacontane (C32)	17.405	6213287	46.038 ug/ml
19) T n-Tetratriacontane (C34)	18.167	5322629	42.439 ug/ml
20) T n-Hexatriacontane (C36)	18.888	5212395	42.642 ug/ml
21) T n-Octatriacontane (C38)	19.569	5064918	42.914 ug/ml
22) T n-Tetracontane (C40)	20.217	5054310	43.914 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

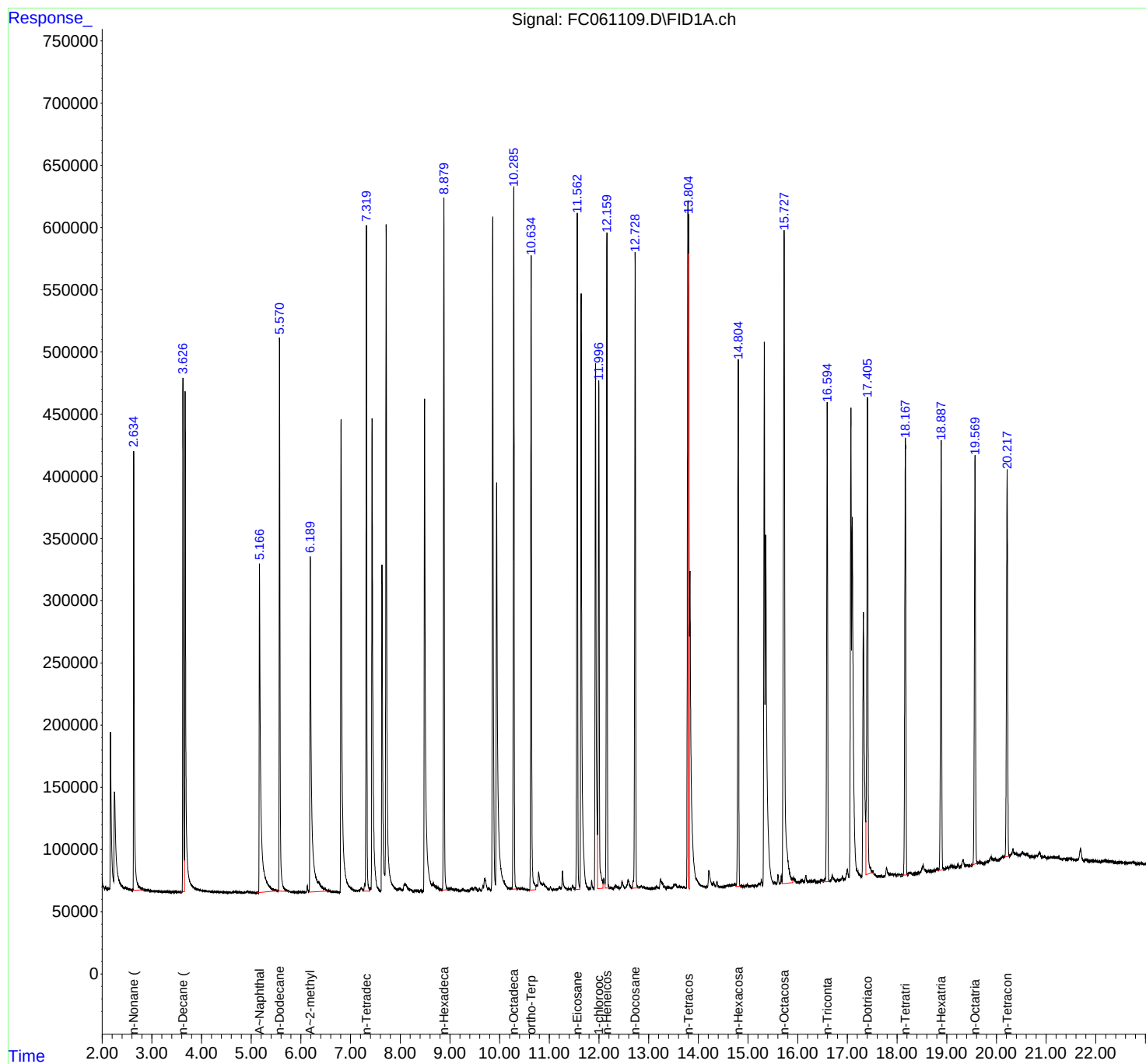
Instrument :
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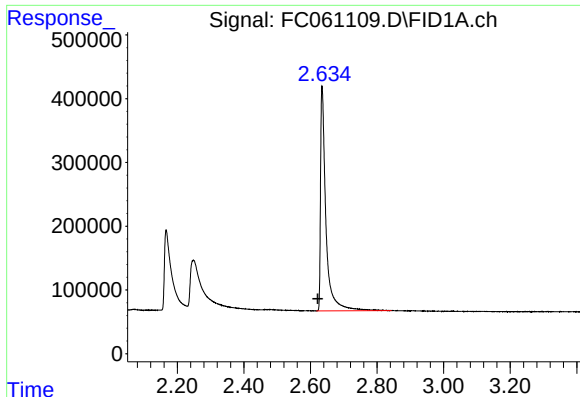
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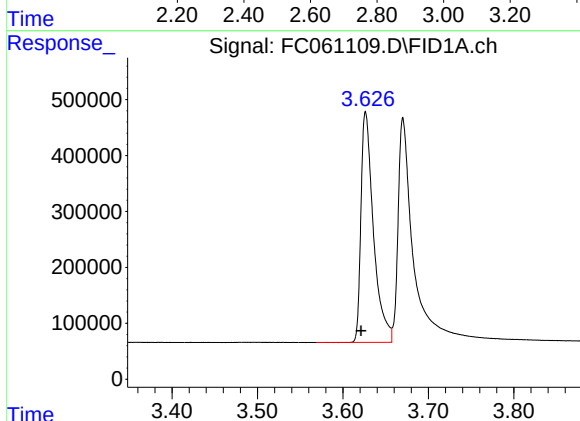
#1 n-Nonane (C9)

R.T.: 2.636 min
Delta R.T.: 0.014 min
Response: 3983527
Conc: 28.28 ug/ml

Instrument :
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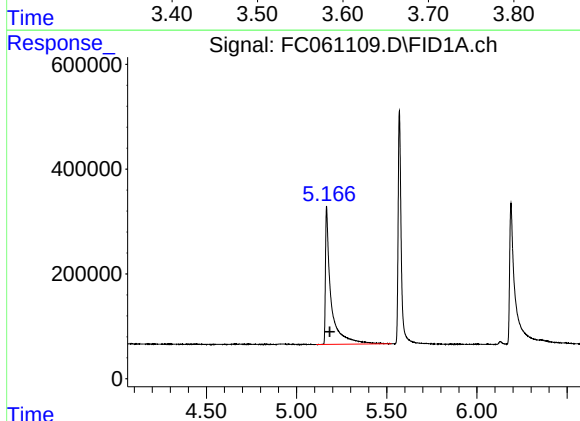
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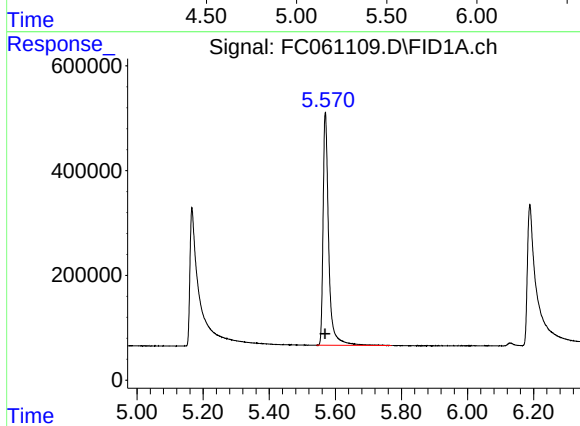
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.006 min
Response: 4181008
Conc: 29.64 ug/ml



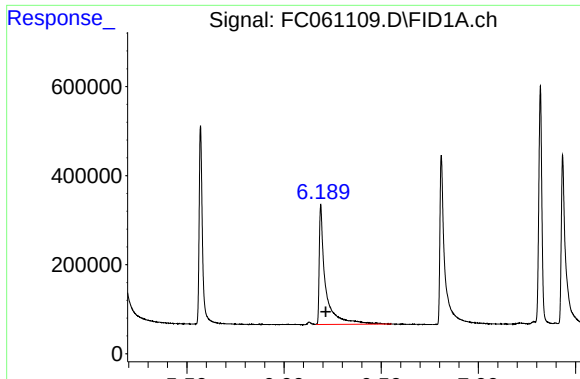
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.018 min
Response: 5623190
Conc: 39.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 5226202
Conc: 35.26 ug/ml



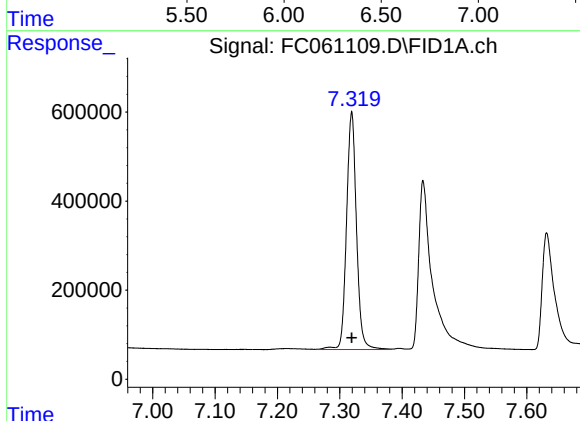
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.026 min
Response: 6026168
Conc: 43.94 ug/ml

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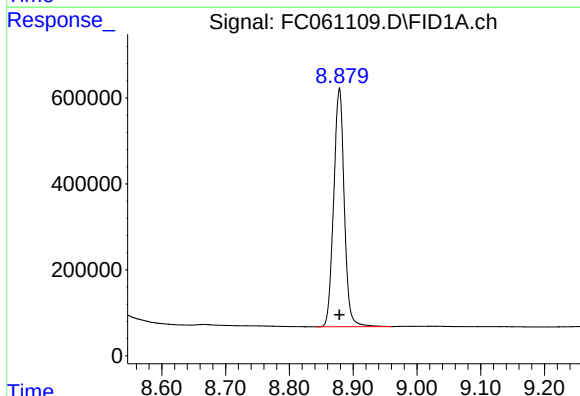
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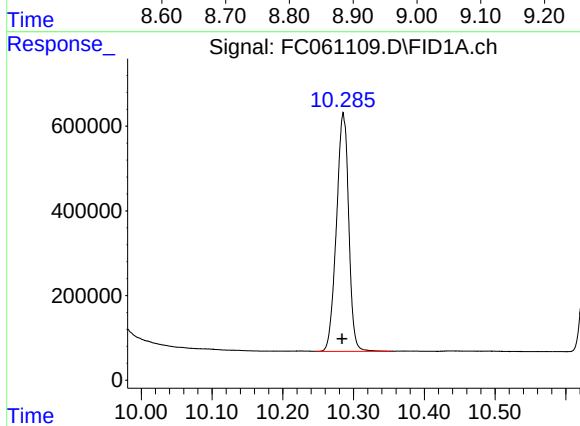
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 5942359
Conc: 39.58 ug/ml



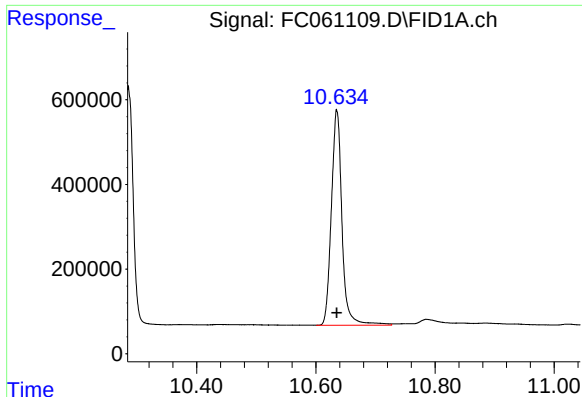
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 6407383
Conc: 41.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 6779879
Conc: 43.42 ug/ml



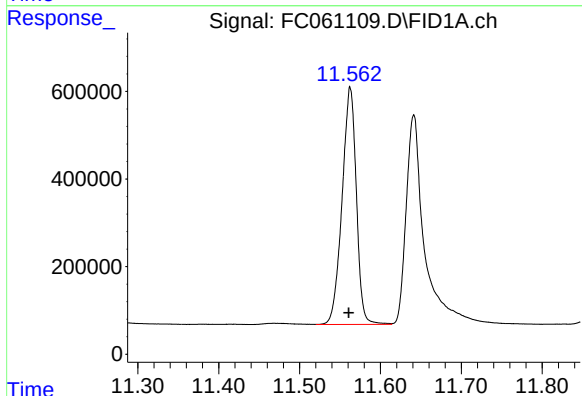
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 6305582
Conc: 38.42 ug/ml

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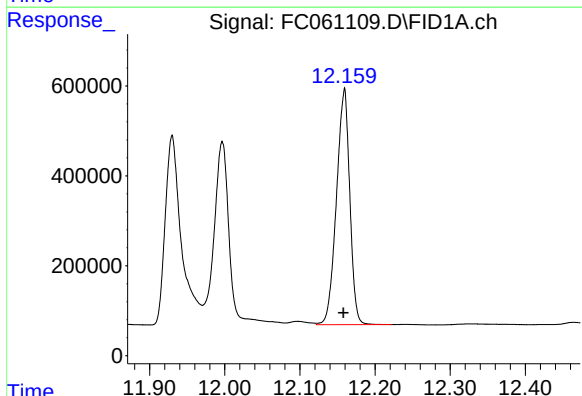
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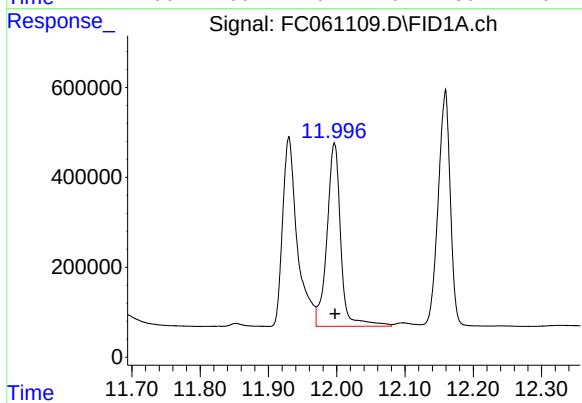
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 6652700
Conc: 42.39 ug/ml



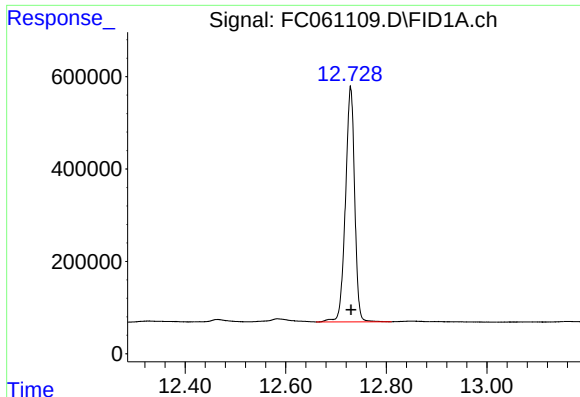
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: 0.000 min
Response: 6464664
Conc: 41.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 5721508
Conc: 43.10 ug/ml



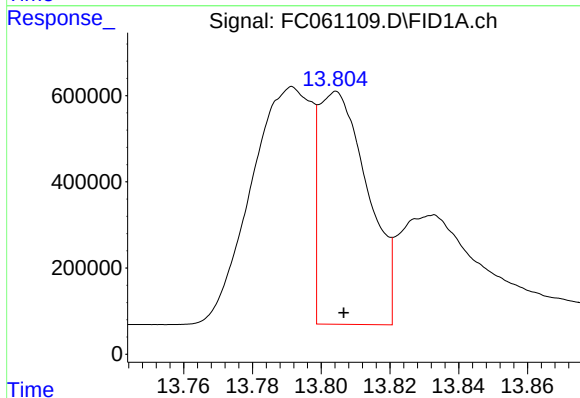
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 6468549
Conc: 41.49 ug/ml

Instrument :
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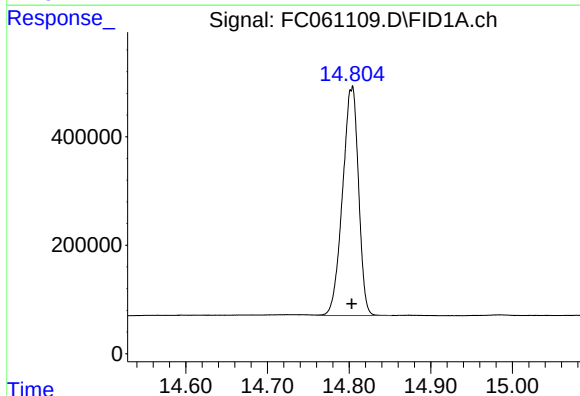
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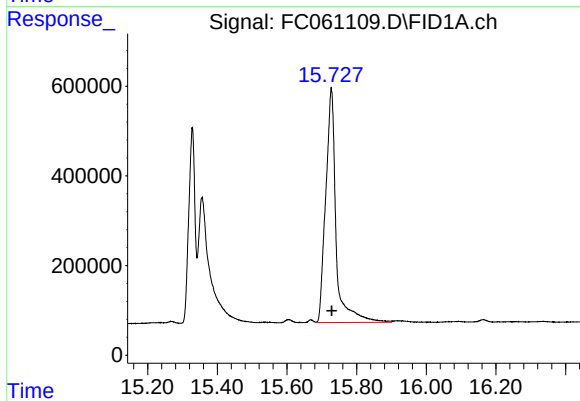
#14 n-Tetracosane (C24)

R.T.: 13.804 min
Delta R.T.: -0.002 min
Response: 5250593
Conc: 34.39 ug/ml m



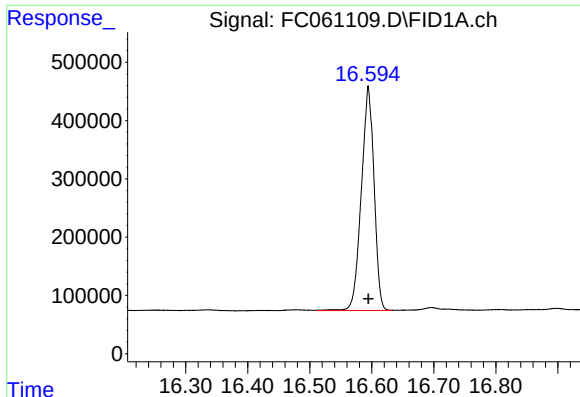
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 5740703
Conc: 38.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.727 min
Delta R.T.: -0.001 min
Response: 10834419
Conc: 75.61 ug/ml



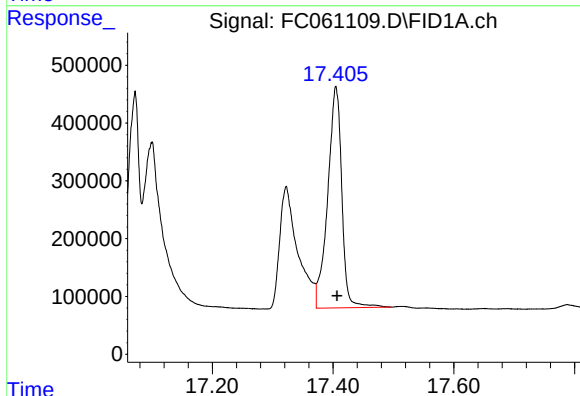
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.000 min
Response: 5483203
Conc: 39.17 ug/ml

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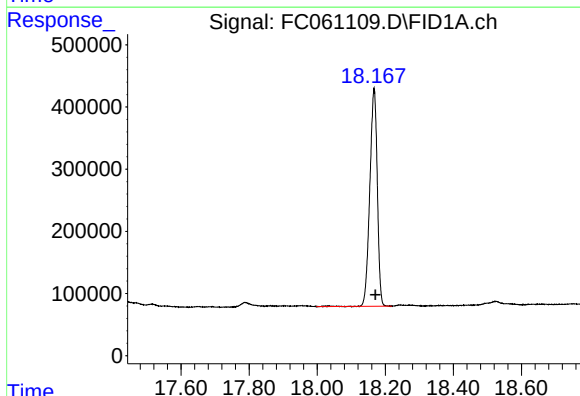
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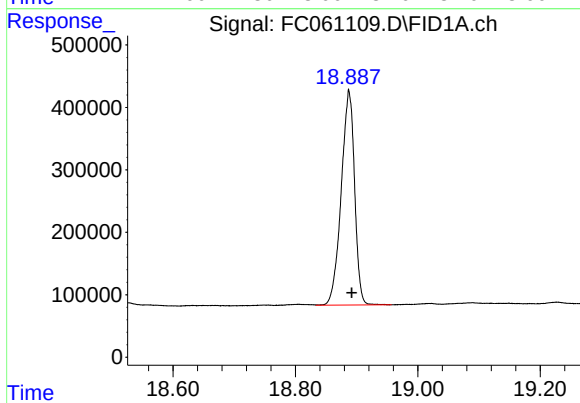
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 6213287
Conc: 46.04 ug/ml



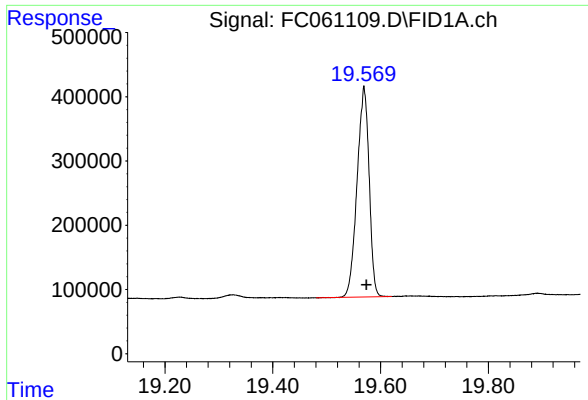
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 5322629
Conc: 42.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 5212395
Conc: 42.64 ug/ml



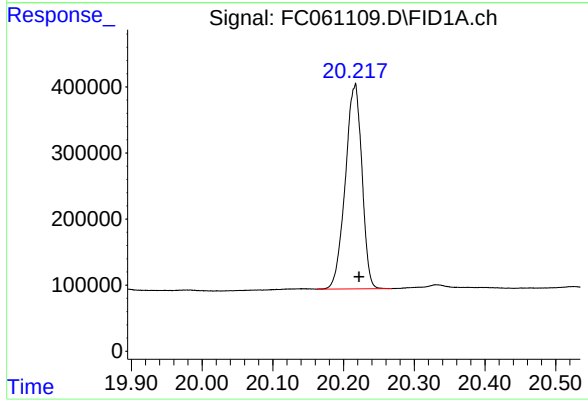
#21 n-Octatriacontane (C38)

R.T.: 19.569 min
Delta R.T.: -0.004 min
Response: 5064918
Conc: 42.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 5054310
Conc: 43.91 ug/ml m