

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061049.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 18:46
 Operator : YP/AJ
 Sample : PB146896BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146896BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e
 Quant Time: Aug 10 23:18:55 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)	10.636	6340189	38.634 ug/ml
Spiked Amount 50.000		Recovery =	77.27%
12) S 1-chlorooctadecane (S...	11.999	5910911	44.525 ug/ml
Spiked Amount 50.000		Recovery =	89.05%
Target Compounds			
1) T n-Nonane (C9)	2.661	5885459	41.789 ug/ml
2) T n-Decane (C10)	3.638	5704565	40.439 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6900049	48.542 ug/ml
4) T n-Dodecane (C12)	5.572	6462001	43.599 ug/ml
5) T A~2-methylnaphthalene...	6.189	6537663	47.668 ug/ml
6) T n-Tetradecane (C14)	7.320	6516325	43.403 ug/ml
7) T n-Hexadecane (C16)	8.881	6498187	42.462 ug/ml
8) T n-Octadecane (C18)	10.286	6565871	42.047 ug/ml
10) T n-Eicosane (C20)	11.564	6259056	39.884 ug/ml
11) T n-Heneicosane (C21)	12.161	6123682	39.137 ug/ml
13) T n-Docosane (C22)	12.733	5918845	37.962 ug/ml
14) T n-Tetracosane (C24)	13.792	4993570	32.708 ug/mlm
15) T n-Hexacosane (C26)	14.805	5303491	35.529 ug/ml
16) T n-Octacosane (C28)	15.729	9859012	68.803 ug/ml
17) T n-Tricontane (C30)	16.597	4955373	35.395 ug/ml
18) T n-Dotriacontane (C32)	17.405	6055738	44.870 ug/ml
19) T n-Tetratriacontane (C34)	18.170	4783139	38.137 ug/ml
20) T n-Hexatriacontane (C36)	18.889	4522141	36.995 ug/ml
21) T n-Octatriacontane (C38)	19.570	4191879	35.517 ug/ml
22) T n-Tetracontane (C40)	20.217	3967061	34.467 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 11 Sample Multiplier: 1

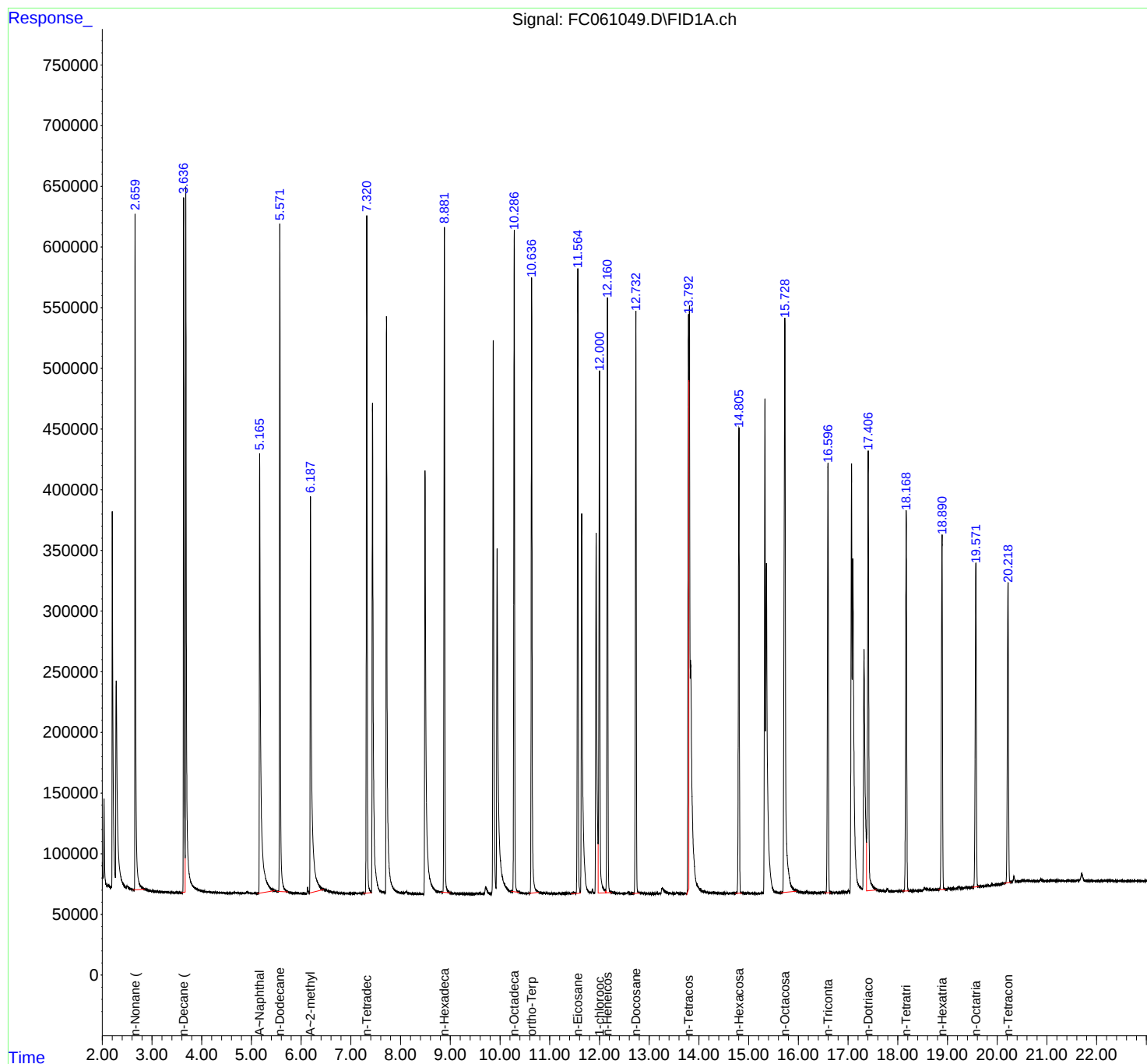
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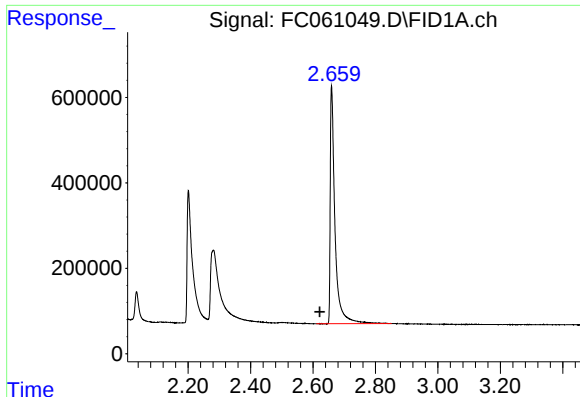
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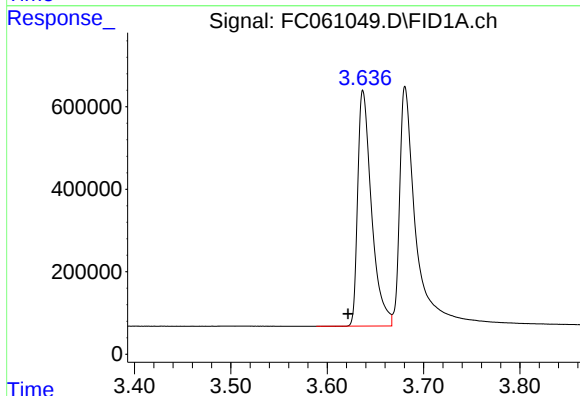
#1 n-Nonane (C9)

R.T.: 2.661 min
Delta R.T.: 0.039 min
Response: 5885459
Conc: 41.79 ug/ml

Instrument :
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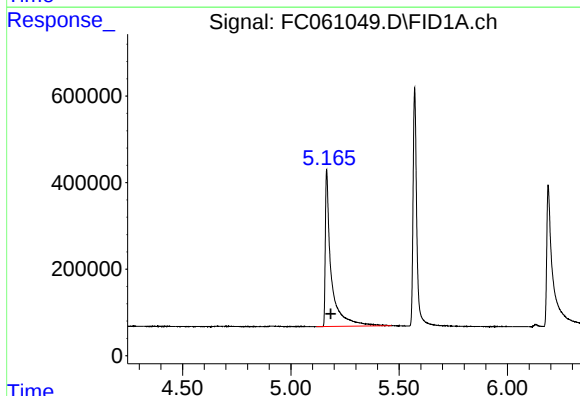
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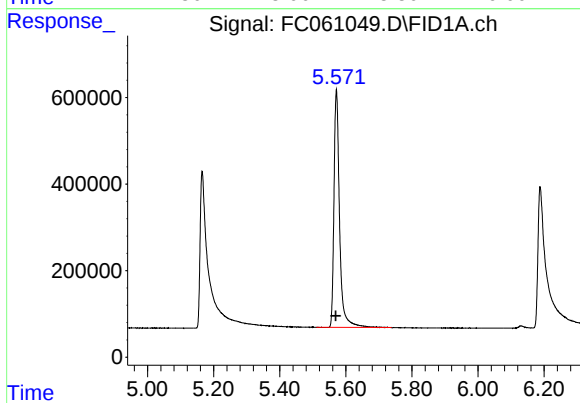
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: 0.016 min
Response: 5704565
Conc: 40.44 ug/ml



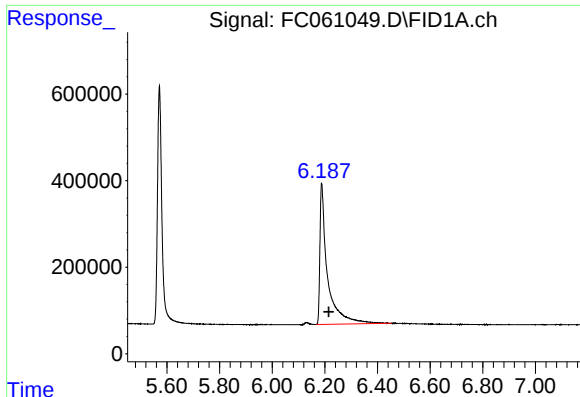
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.019 min
Response: 6900049
Conc: 48.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 6462001
Conc: 43.60 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.026 min
Response: 6537663
Conc: 47.67 ug/ml

Instrument :

FID_C

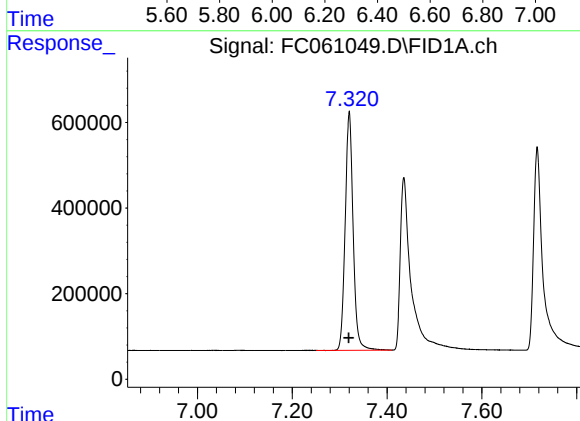
ClientSampleId :

PB146896BSD

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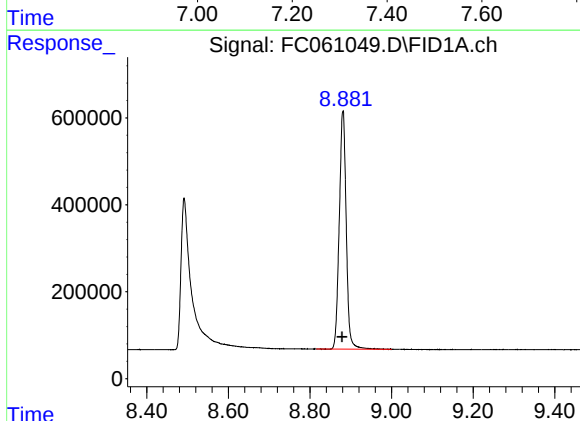
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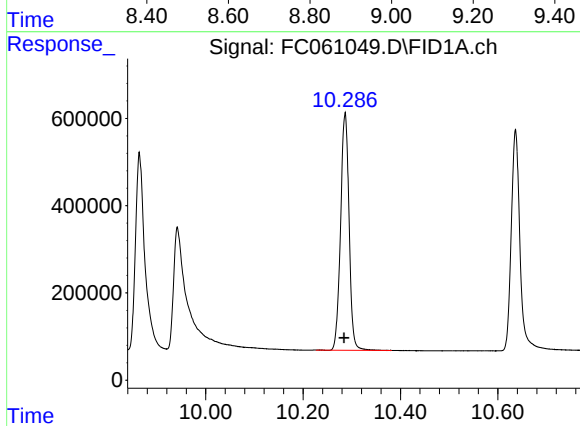
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.001 min
Response: 6516325
Conc: 43.40 ug/ml



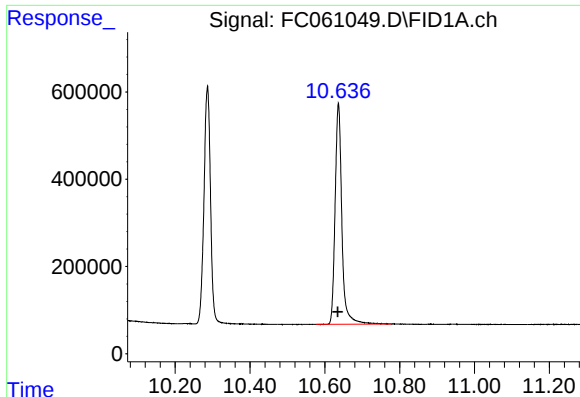
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 6498187
Conc: 42.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 6565871
Conc: 42.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: 0.002 min
Response: 6340189
Conc: 38.63 ug/ml

Instrument :

FID_C

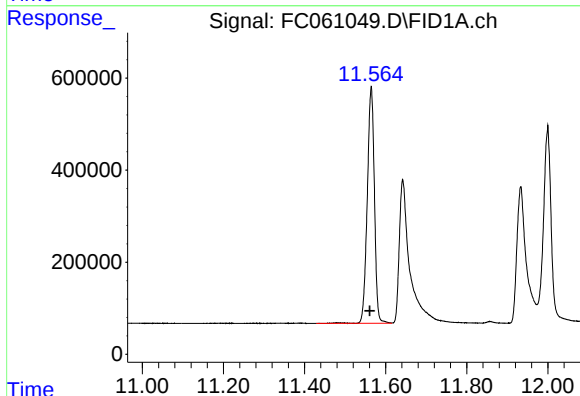
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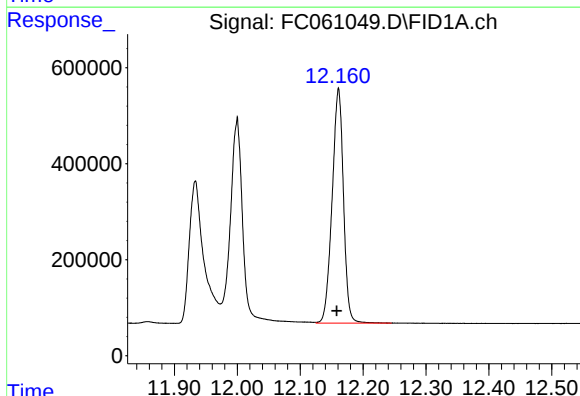
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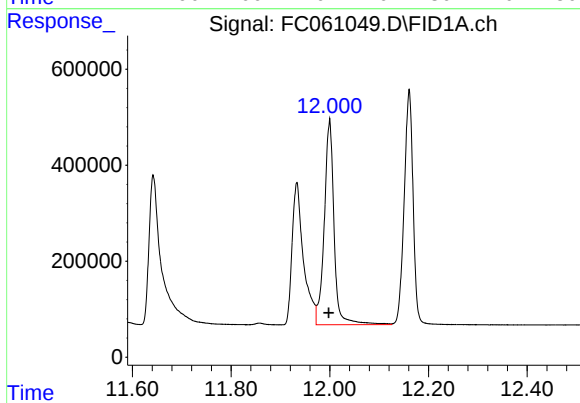
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: 0.003 min
Response: 6259056
Conc: 39.88 ug/ml



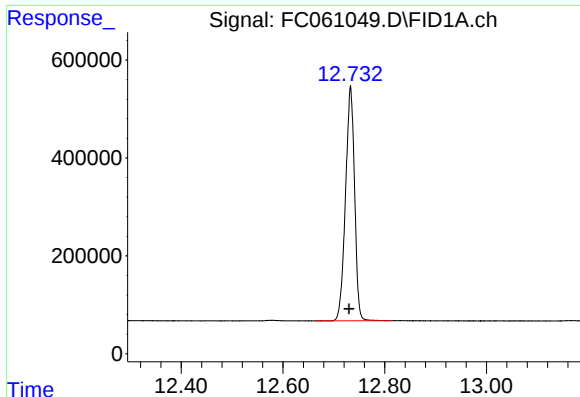
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 6123682
Conc: 39.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: 0.002 min
Response: 5910911
Conc: 44.53 ug/ml



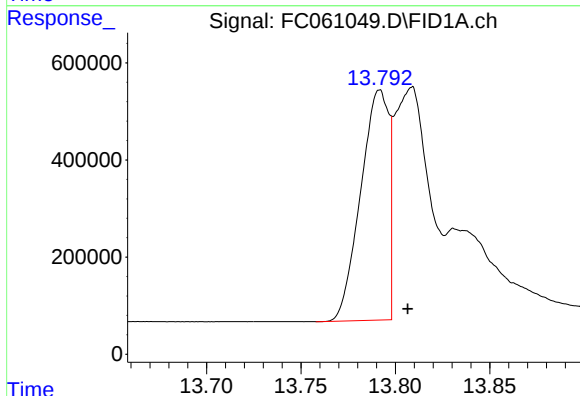
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: 0.003 min
Response: 5918845
Conc: 37.96 ug/ml

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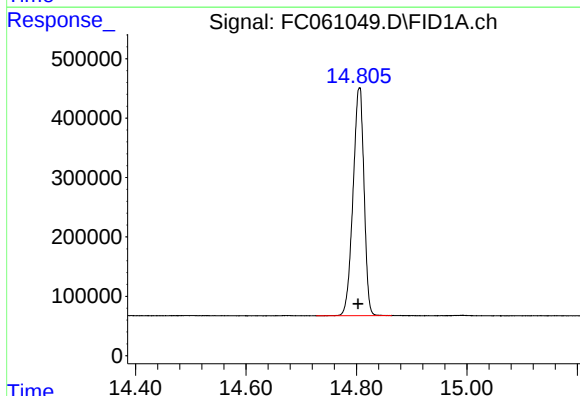
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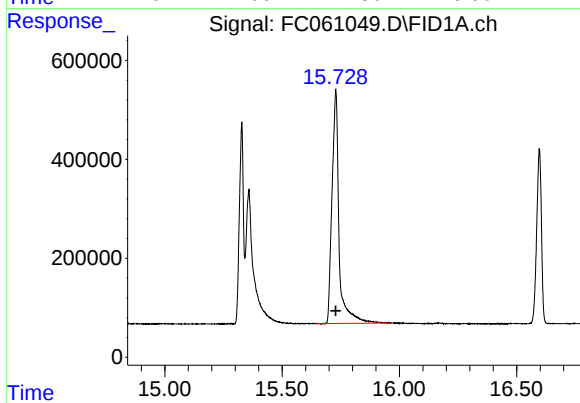
#14 n-Tetracosane (C24)

R.T.: 13.792 min
Delta R.T.: -0.015 min
Response: 4993570
Conc: 32.71 ug/ml m



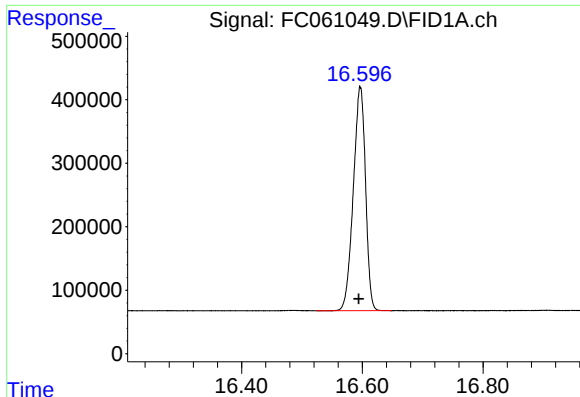
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: 0.002 min
Response: 5303491
Conc: 35.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 9859012
Conc: 68.80 ug/ml



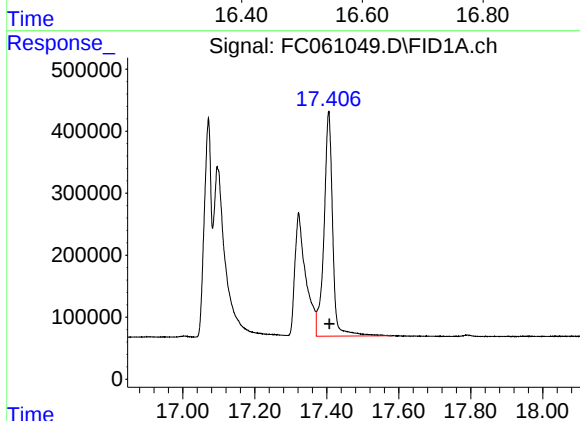
#17 n-Tricontane (C30)

R.T.: 16.597 min
Delta R.T.: 0.002 min
Response: 4955373
Conc: 35.40 ug/ml

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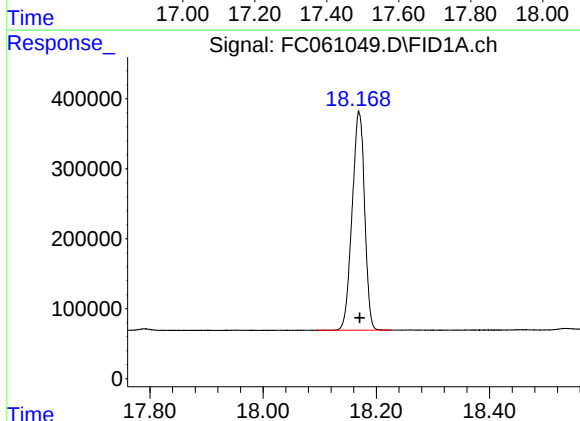
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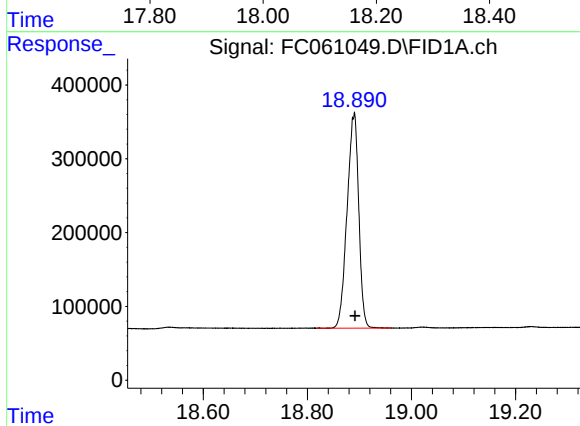
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 6055738
Conc: 44.87 ug/ml



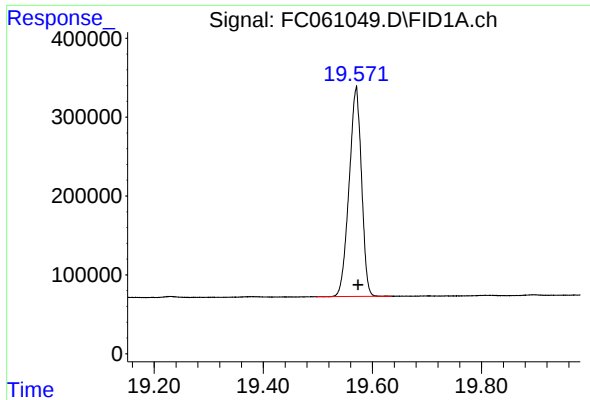
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: -0.001 min
Response: 4783139
Conc: 38.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.003 min
Response: 4522141
Conc: 37.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.004 min
Response: 4191879
Conc: 35.52 ug/ml

Instrument :

FID_C

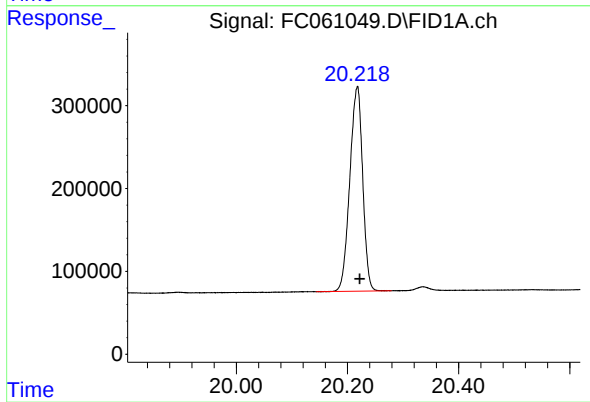
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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 3967061
Conc: 34.47 ug/ml