

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065545.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 18:07
 Operator : YP/AJ
 Sample : 06038-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-703MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:32:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.497	6747567	29.485 ug/ml
Spiked Amount 50.000		Recovery =	58.97%
12) S 1-chlorooctadecane (S...	12.928	5203433	31.834 ug/mlm
Spiked Amount 50.000		Recovery =	63.67%
Target Compounds			
1) T n-Nonane (C9)	3.298	5694749	28.639 ug/ml
2) T n-Decane (C10)	4.355	6422428	32.036 ug/ml
3) T A~Naphthalene (C11.7)	5.934	7336479	36.503 ug/ml
4) T n-Dodecane (C12)	6.364	6915011	33.825 ug/ml
5) T A~2-methylnaphthalene...	6.990	7226824	37.015 ug/ml
6) T n-Tetradecane (C14)	8.155	7145842	35.670 ug/ml
7) T n-Hexadecane (C16)	9.749	7420556	37.071 ug/ml
8) T n-Octadecane (C18)	11.184	7656461	38.906 ug/ml
10) T n-Eicosane (C20)	12.487	7767119	41.431 ug/mlm
11) T n-Heneicosane (C21)	13.097	7458323	40.892 ug/mlm
13) T n-Docosane (C22)	13.681	7359764	40.791 ug/mlm
14) T n-Tetracosane (C24)	14.774	13828204	76.758 ug/ml
15) T n-Hexacosane (C26)	15.794	6513242	37.600 ug/ml
16) T n-Octacosane (C28)	16.738	6664156	38.858 ug/mlm
17) T n-Tricontane (C30)	17.624	6256935	35.725 ug/ml
18) T n-Dotriacontane (C32)	18.451	6143463	35.220 ug/mlm
19) T n-Tetratriacontane (C34)	19.232	5933754	35.861 ug/ml
20) T n-Hexatriacontane (C36)	19.968	5717733	35.414 ug/mlm
21) T n-Octatriacontane (C38)	20.685	5625746	35.472 ug/ml
22) T n-Tetracontane (C40)	21.559	5416565	34.006 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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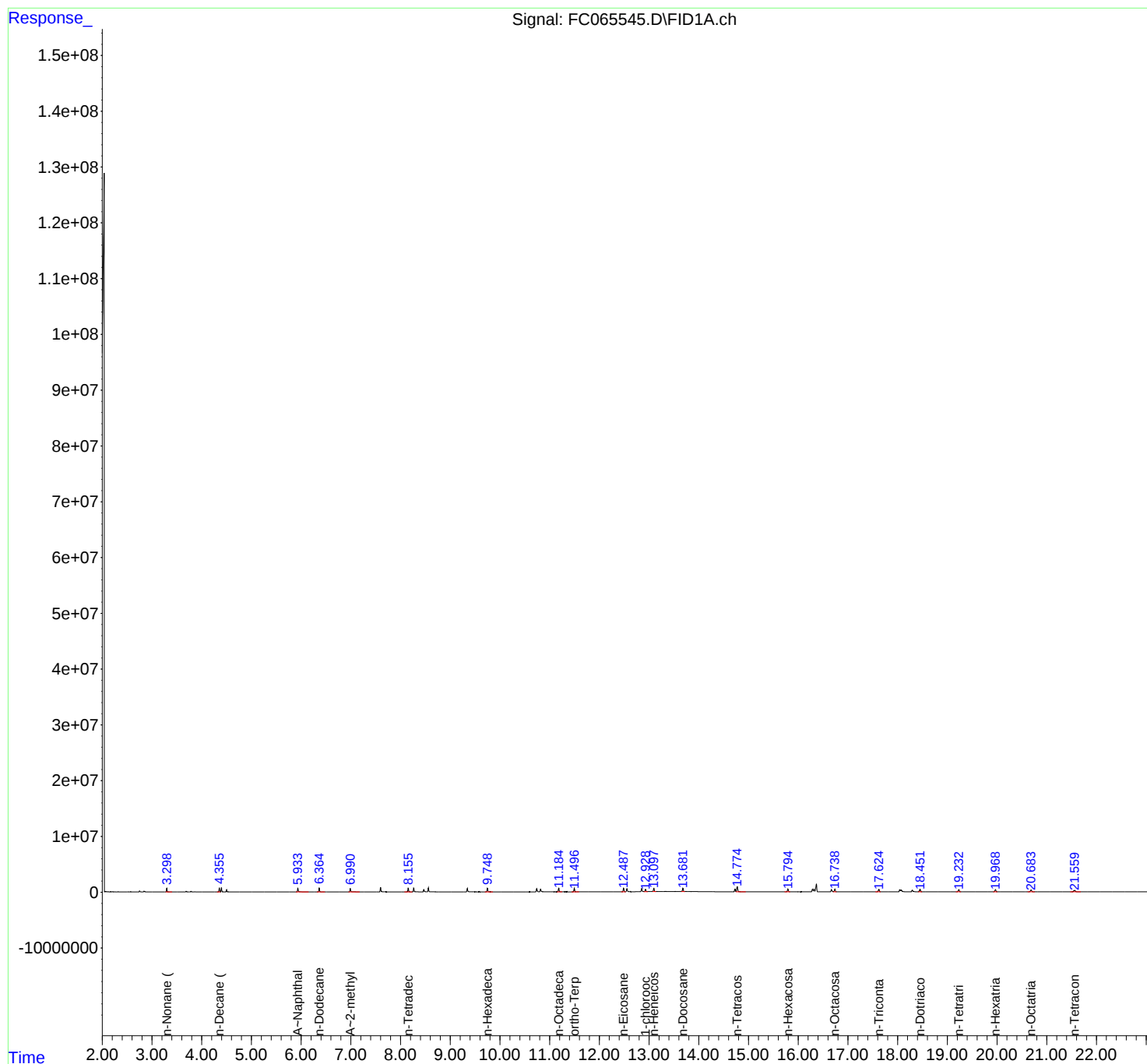
Instrument :
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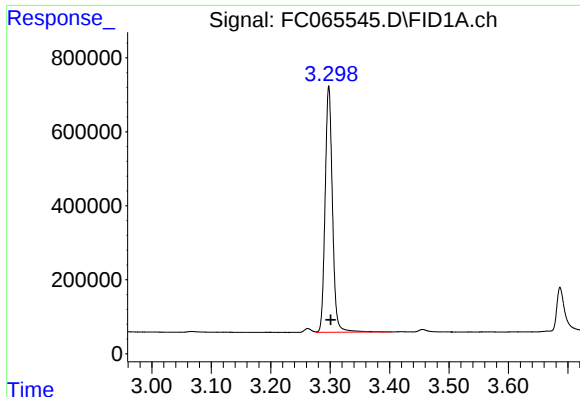
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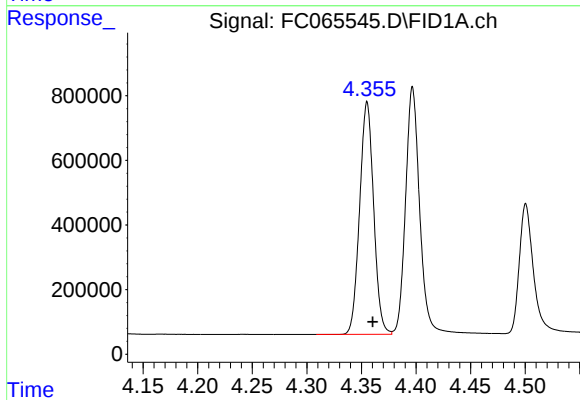
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 5694749
Conc: 28.64 ug/ml

Instrument :
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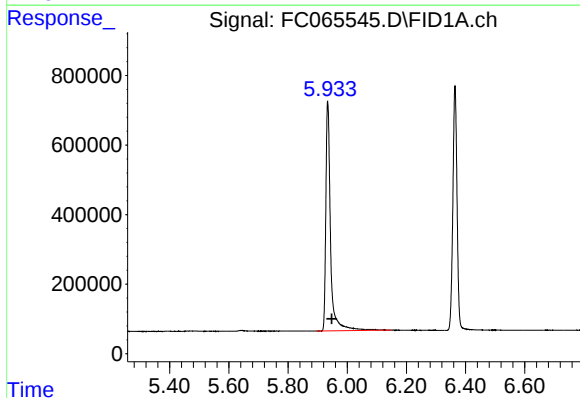
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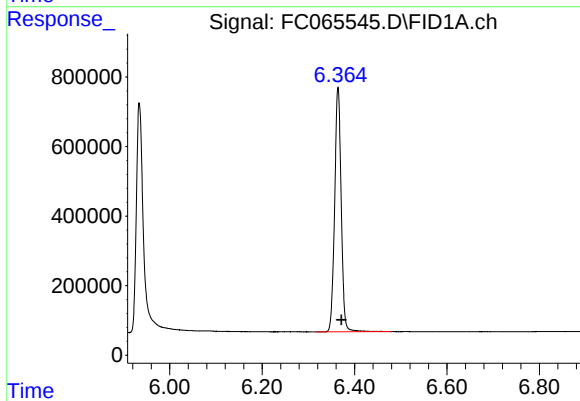
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.005 min
Response: 6422428
Conc: 32.04 ug/ml



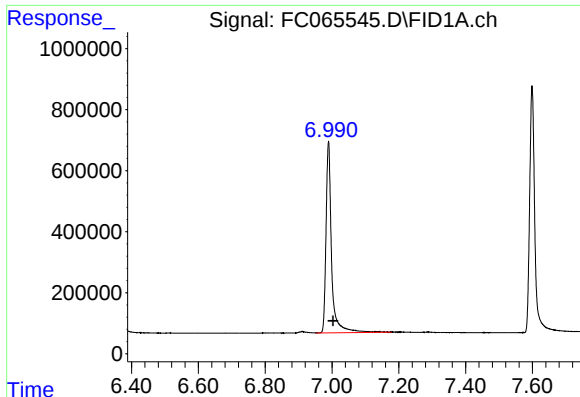
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.013 min
Response: 7336479
Conc: 36.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 6915011
Conc: 33.83 ug/ml



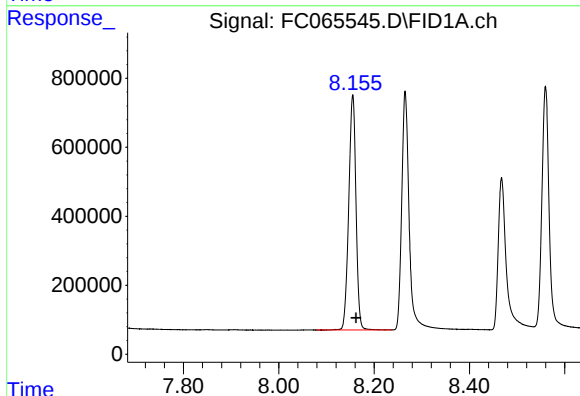
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.013 min
Response: 7226824
Conc: 37.02 ug/ml

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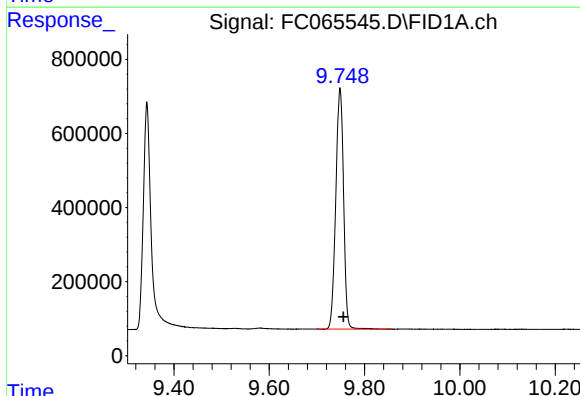
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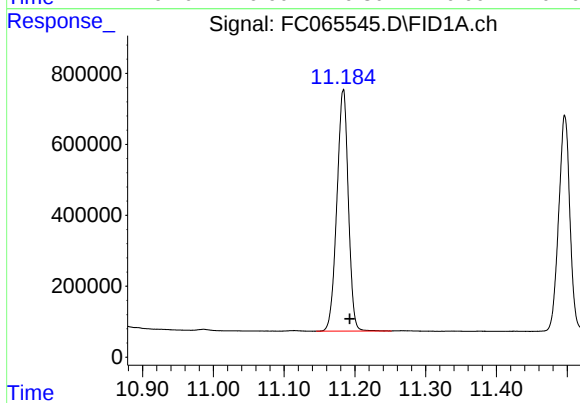
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.007 min
Response: 7145842
Conc: 35.67 ug/ml



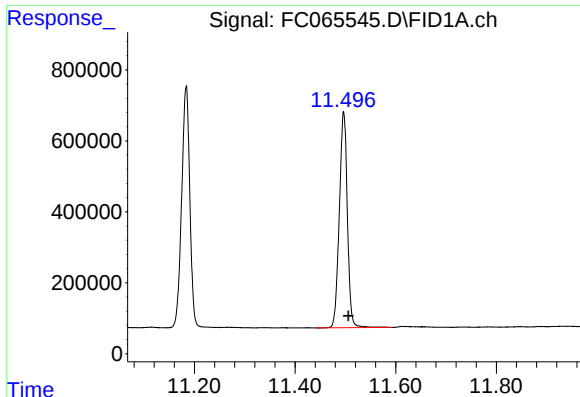
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.007 min
Response: 7420556
Conc: 37.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: -0.009 min
Response: 7656461
Conc: 38.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 6747567
Conc: 29.48 ug/ml

Instrument :

FID_C

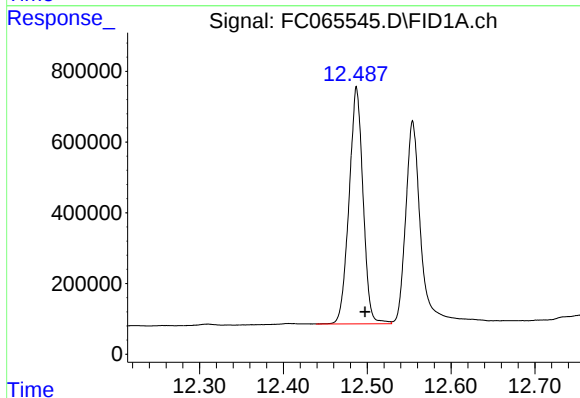
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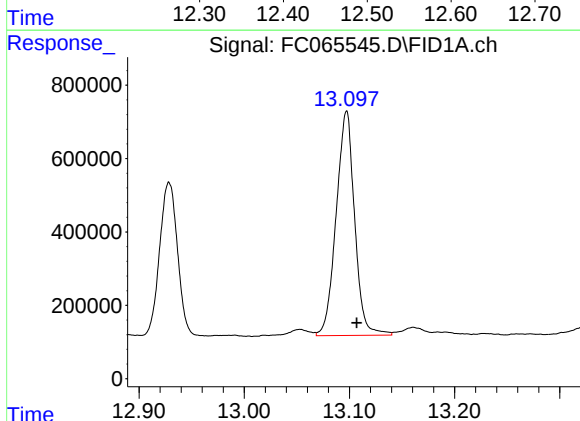
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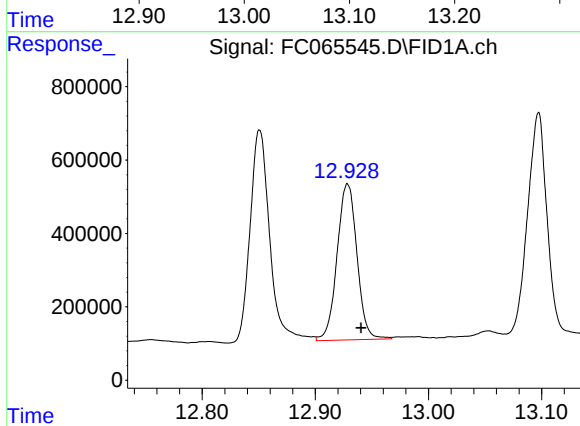
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.011 min
Response: 7767119
Conc: 41.43 ug/ml m



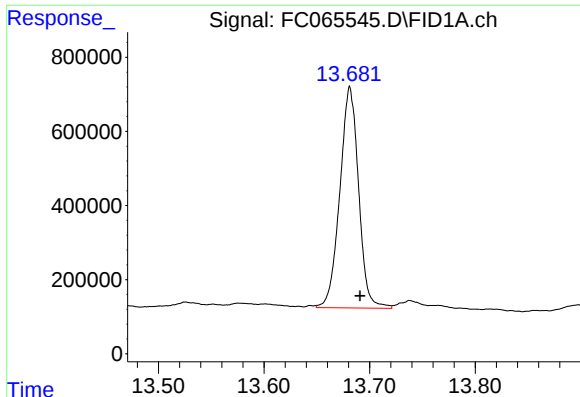
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.010 min
Response: 7458323
Conc: 40.89 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: -0.012 min
Response: 5203433
Conc: 31.83 ug/ml m



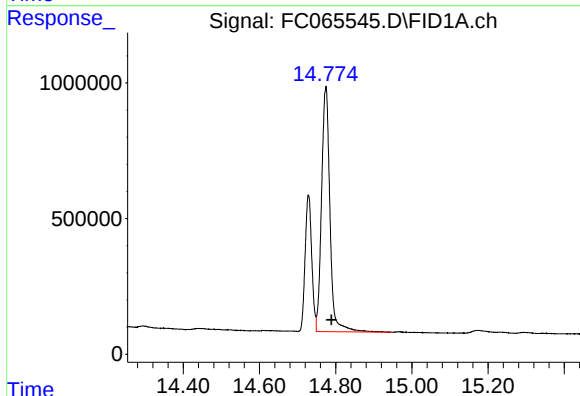
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: -0.010 min
Response: 7359764
Conc: 40.79 ug/ml

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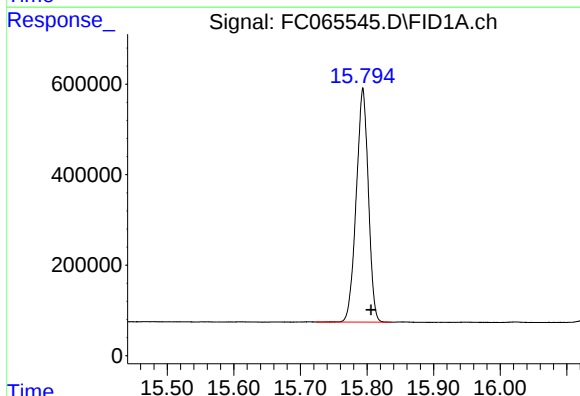
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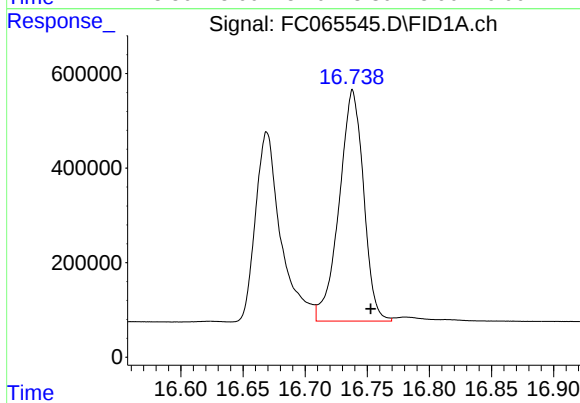
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: -0.015 min
Response: 13828204
Conc: 76.76 ug/ml



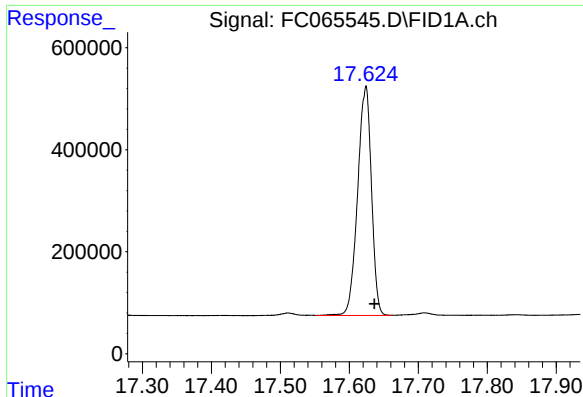
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.013 min
Response: 6513242
Conc: 37.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.015 min
Response: 6664156
Conc: 38.86 ug/ml m



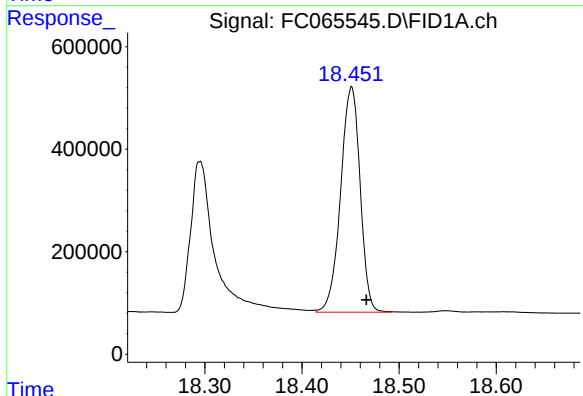
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.012 min
Response: 6256935
Conc: 35.72 ug/ml

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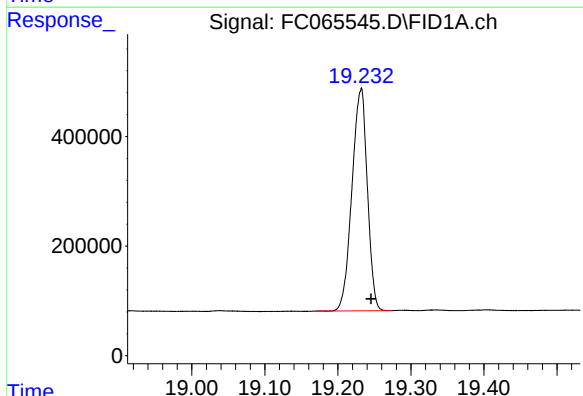
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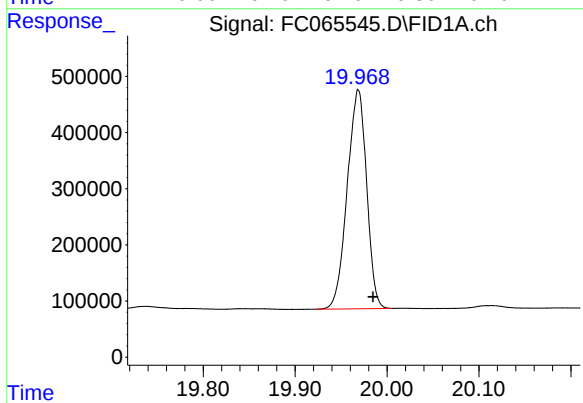
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: -0.016 min
Response: 6143463
Conc: 35.22 ug/ml m



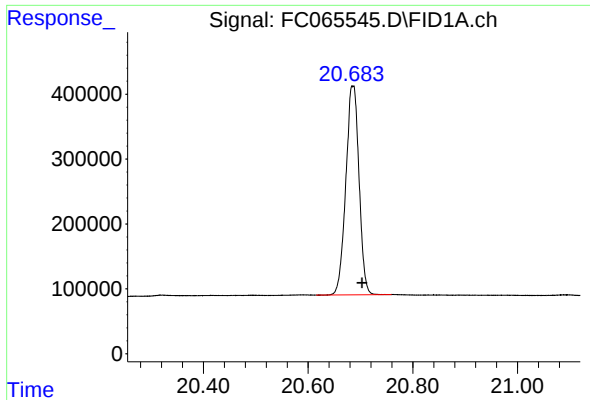
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.014 min
Response: 5933754
Conc: 35.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: -0.017 min
Response: 5717733
Conc: 35.41 ug/ml m



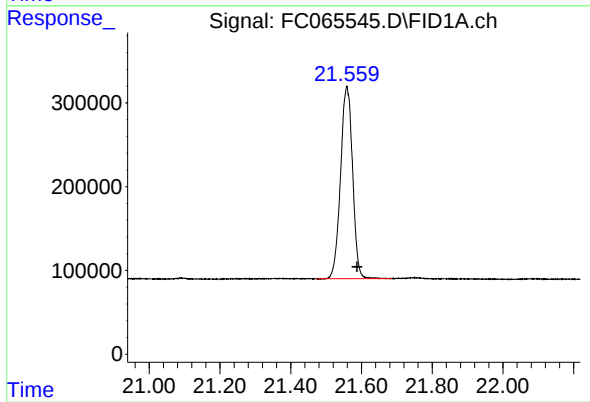
#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.018 min
Response: 5625746
Conc: 35.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.029 min
Response: 5416565
Conc: 34.01 ug/ml