

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065624.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 12:31
 Operator : YP/AJ
 Sample : PB158802BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB158802BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 06 04:41:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.495	9026155	49.634 ug/ml
Spiked Amount 50.000		Recovery =	99.27%
12) S 1-chlorooctadecane (S...	12.925	7546696	55.986 ug/ml
Spiked Amount 50.000		Recovery =	111.97%
Target Compounds			
1) T n-Nonane (C9)	3.294	5543049	35.484 ug/ml
2) T n-Decane (C10)	4.351	5838683	36.907 ug/ml
3) T A~Naphthalene (C11.7)	5.933	7033157	42.057 ug/ml
4) T n-Dodecane (C12)	6.362	6597858	41.123 ug/ml
5) T A~2-methylnaphthalene...	6.988	7455763	48.316 ug/ml
6) T n-Tetradecane (C14)	8.151	7686214	49.007 ug/ml
7) T n-Hexadecane (C16)	9.745	8271387	51.720 ug/ml
8) T n-Octadecane (C18)	11.181	8577542	52.370 ug/ml
10) T n-Eicosane (C20)	12.483	8652427	54.322 ug/ml
11) T n-Heneicosane (C21)	13.092	8414507	53.631 ug/ml
13) T n-Docosane (C22)	13.676	8305169	53.193 ug/ml
14) T n-Tetracosane (C24)	14.771	17958350	115.540 ug/mlm
15) T n-Hexacosane (C26)	15.790	8096338	52.740 ug/ml
16) T n-Octacosane (C28)	16.734	9178813	60.898 ug/ml
17) T n-Tricontane (C30)	17.619	7992996	52.334 ug/ml
18) T n-Dotriacontane (C32)	18.446	8061608	53.540 ug/ml
19) T n-Tetratriacontane (C34)	19.226	7419186	51.672 ug/ml
20) T n-Hexatriacontane (C36)	19.962	6951979	50.466 ug/ml
21) T n-Octatriacontane (C38)	20.680	6814868	49.257 ug/ml
22) T n-Tetracontane (C40)	21.552	6648972	48.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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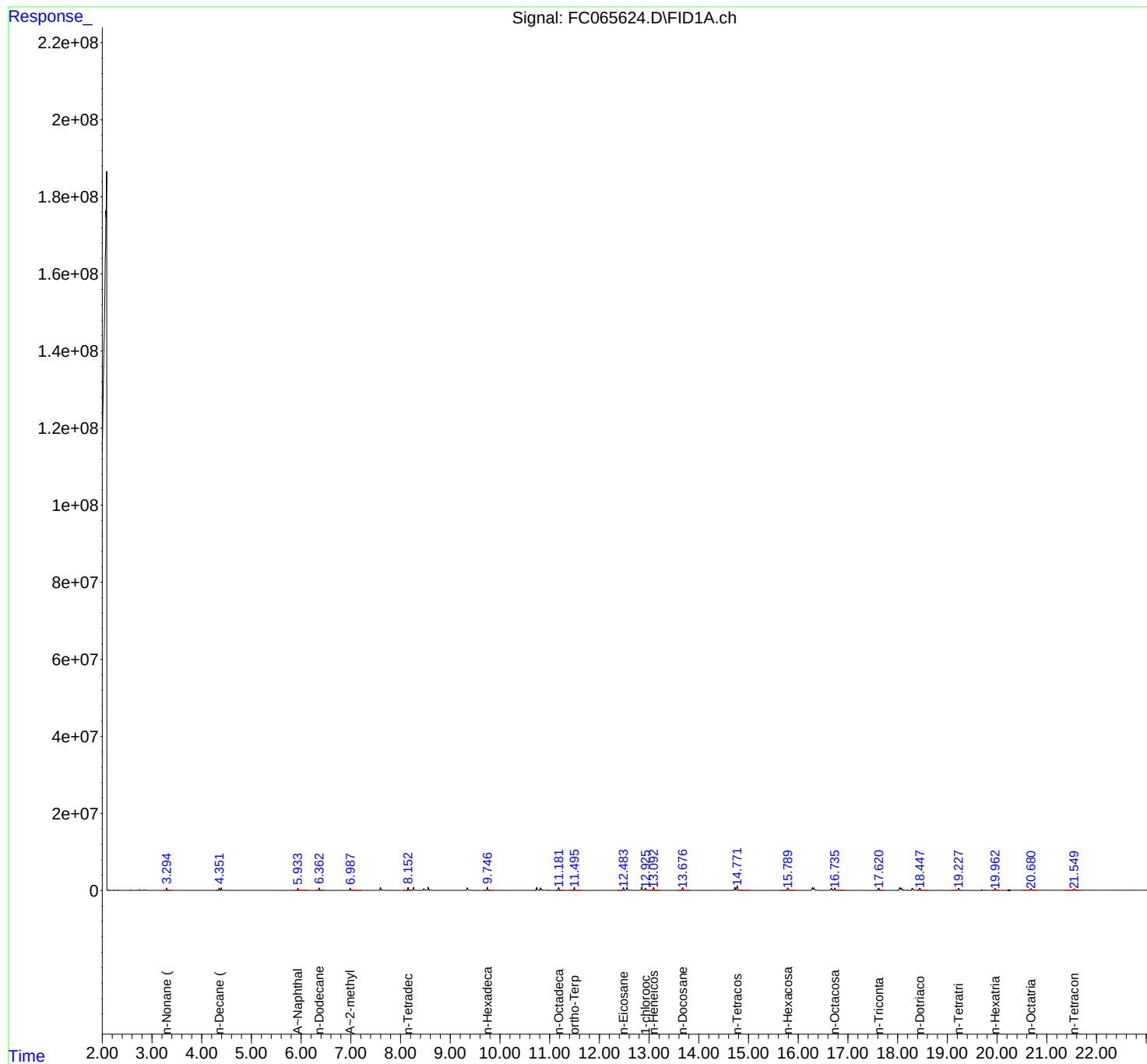
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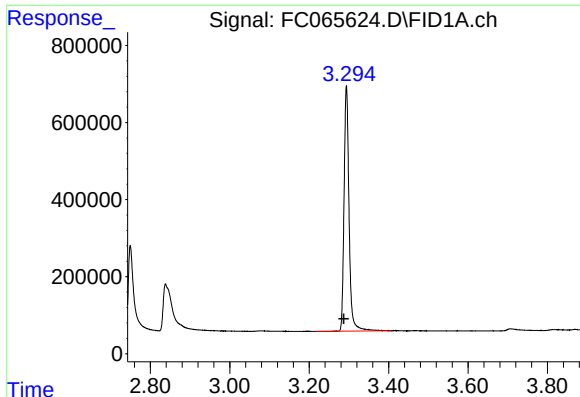
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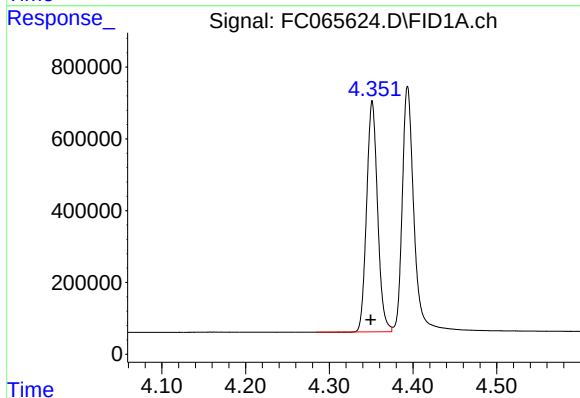
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.007 min
Response: 5543049
Conc: 35.48 ug/ml

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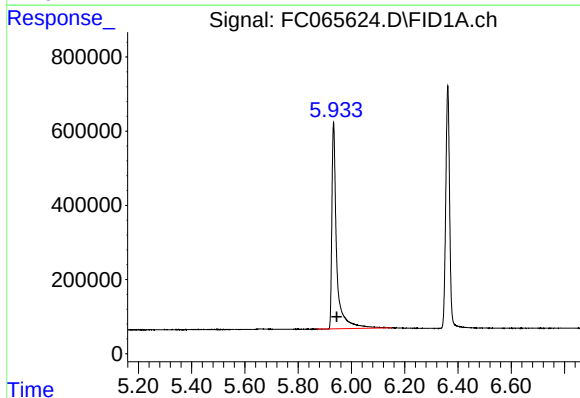
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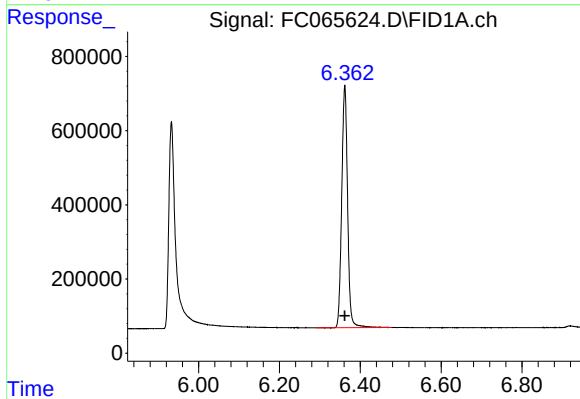
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.002 min
Response: 5838683
Conc: 36.91 ug/ml



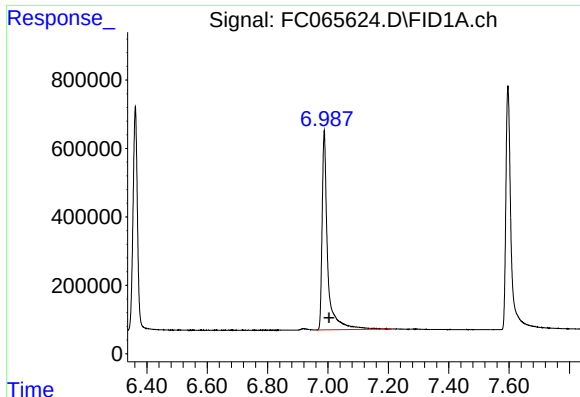
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 7033157
Conc: 42.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 6597858
Conc: 41.12 ug/ml



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

R.T.: 6.988 min
Delta R.T.: -0.015 min
Response: 7455763
Conc: 48.32 ug/ml

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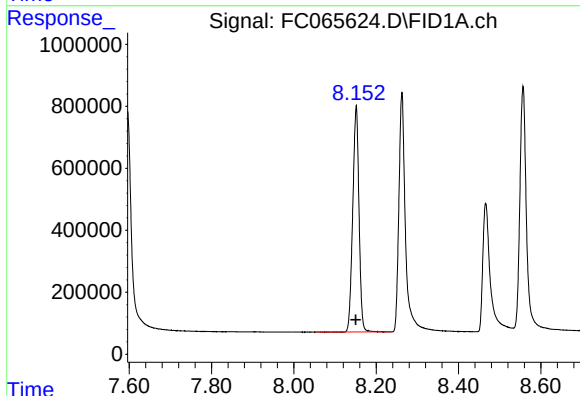
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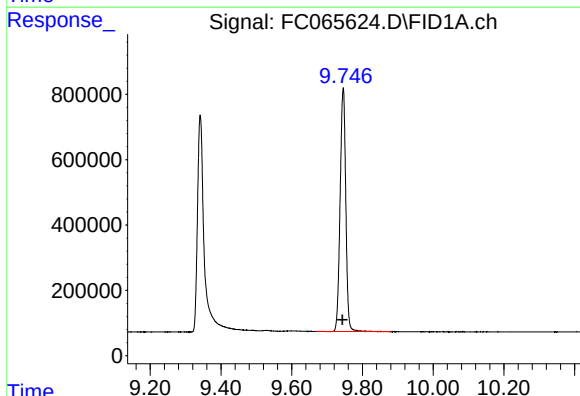
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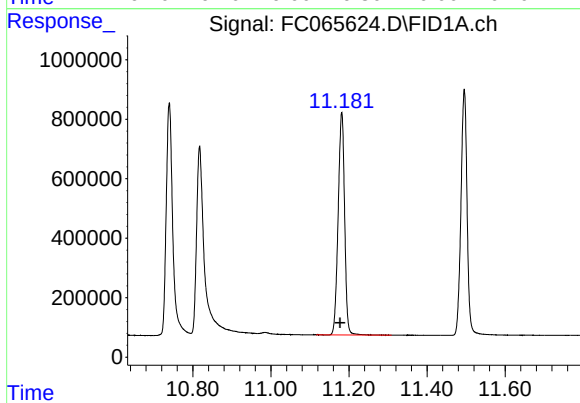
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 7686214
Conc: 49.01 ug/ml



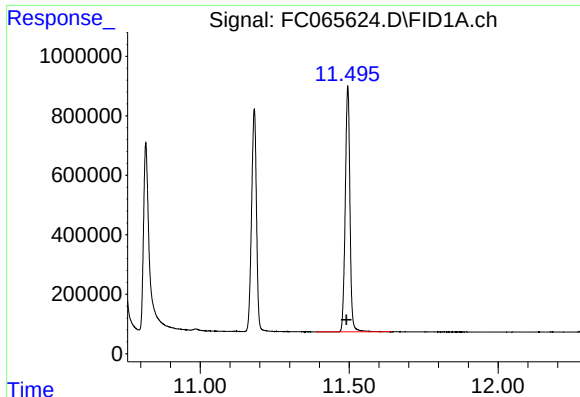
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 8271387
Conc: 51.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.004 min
Response: 8577542
Conc: 52.37 ug/ml



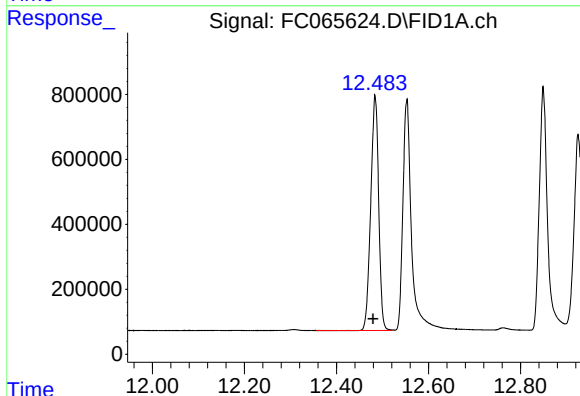
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.004 min
Response: 9026155
Conc: 49.63 ug/ml

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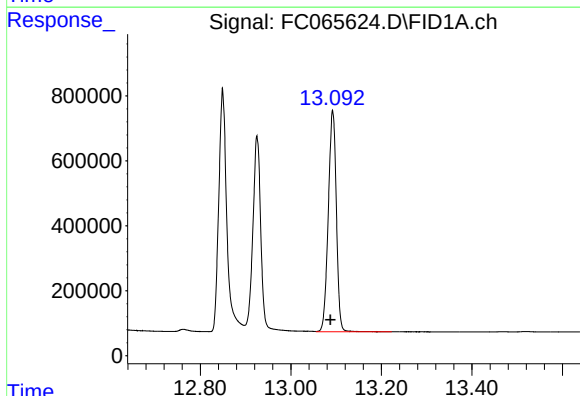
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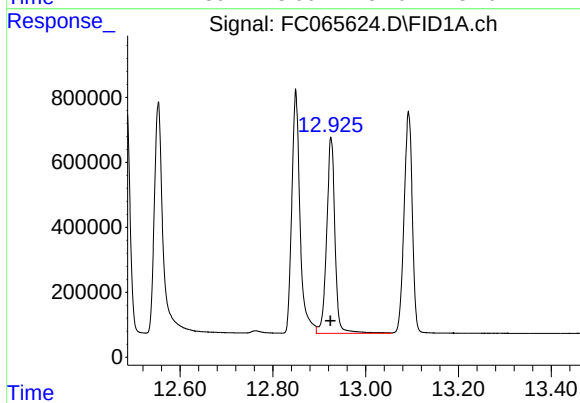
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.004 min
Response: 8652427
Conc: 54.32 ug/ml



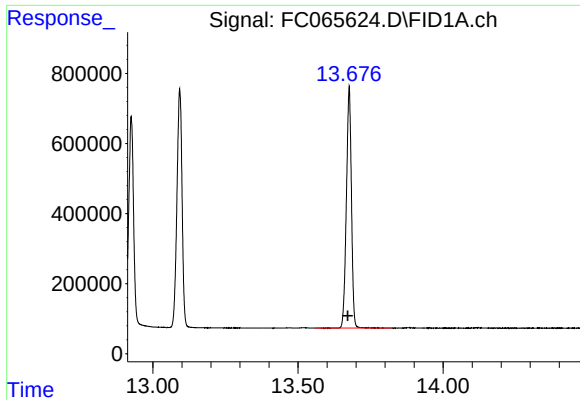
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.005 min
Response: 8414507
Conc: 53.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.001 min
Response: 7546696
Conc: 55.99 ug/ml



#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.004 min
Response: 8305169
Conc: 53.19 ug/ml

Instrument :

FID_C

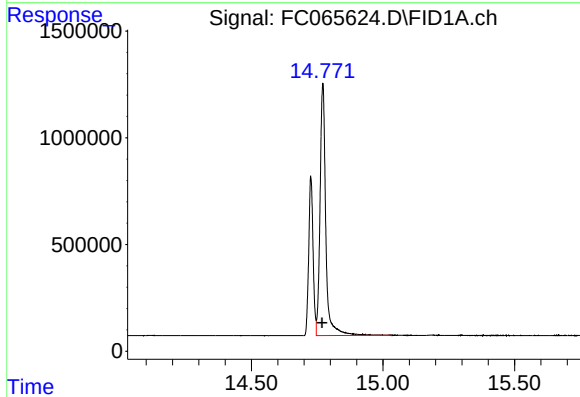
ClientSampleId :

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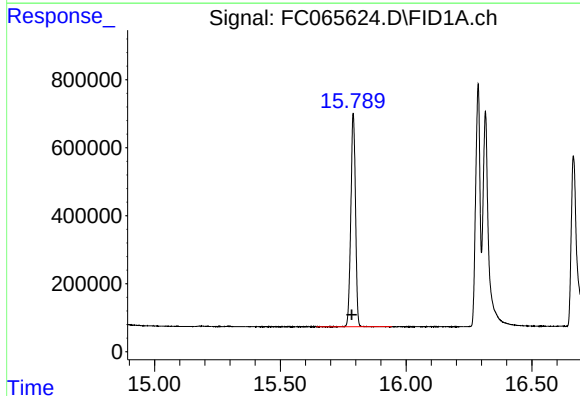
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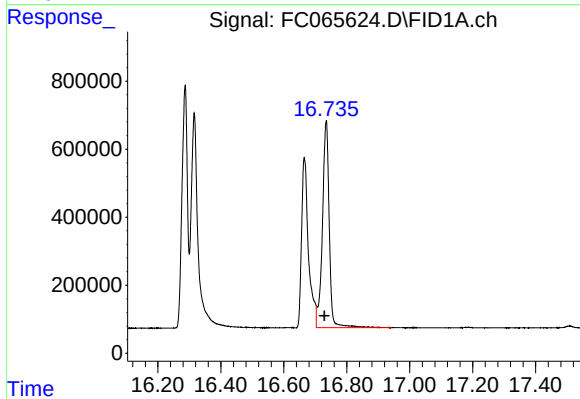
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 17958350
Conc: 115.54 ug/ml m



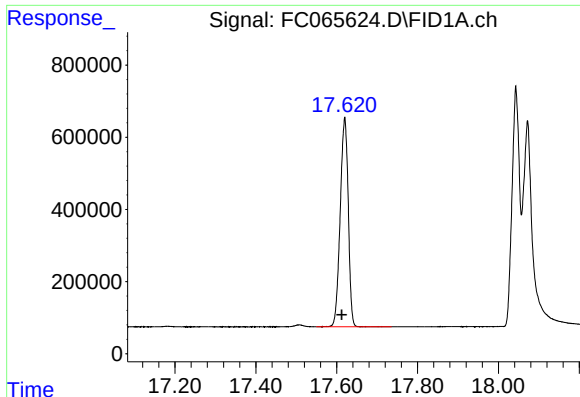
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.005 min
Response: 8096338
Conc: 52.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 9178813
Conc: 60.90 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: 0.007 min
Response: 7992996
Conc: 52.33 ug/ml

Instrument :

FID_C

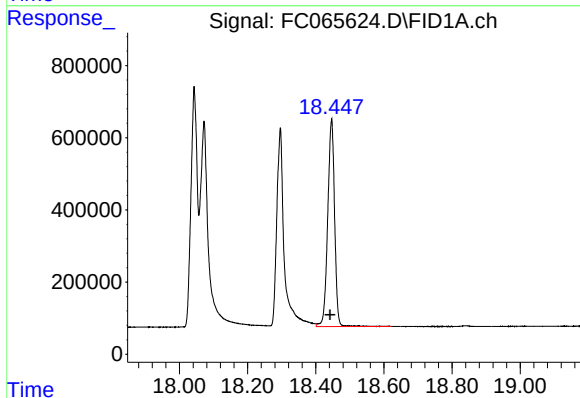
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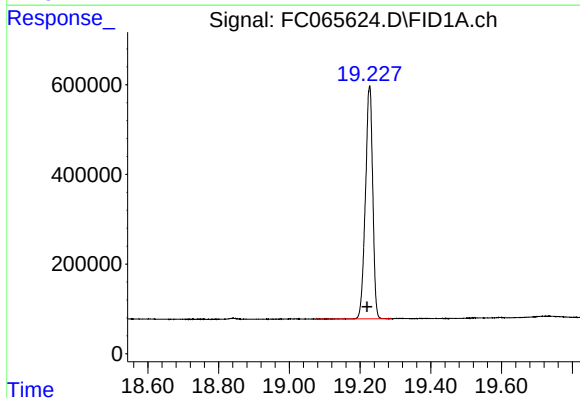
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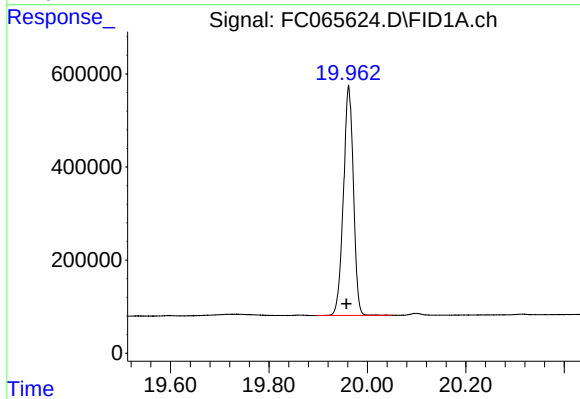
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.004 min
Response: 8061608
Conc: 53.54 ug/ml



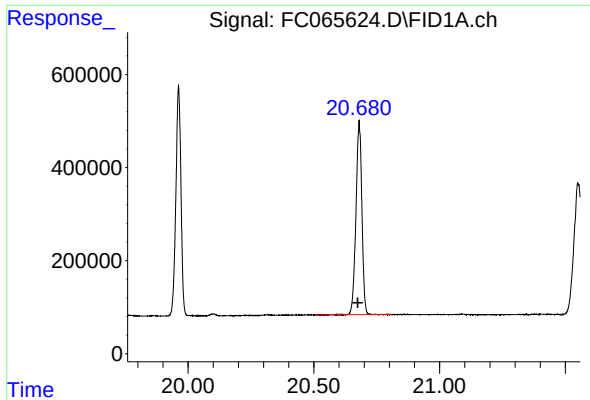
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.006 min
Response: 7419186
Conc: 51.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.005 min
Response: 6951979
Conc: 50.47 ug/ml



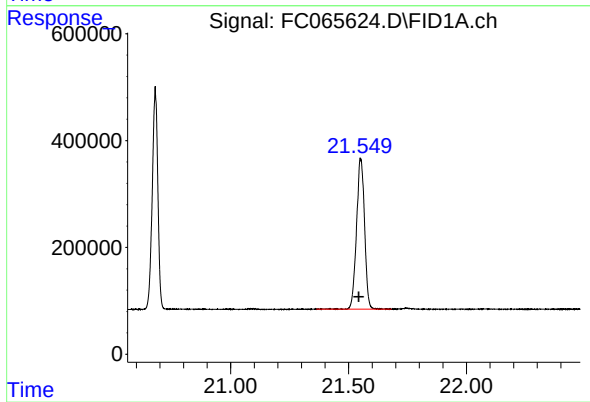
#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.005 min
Response: 6814868
Conc: 49.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.008 min
Response: 6648972
Conc: 48.05 ug/ml