

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066229.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 16:12
 Operator : YP/AJ
 Sample : PB160498BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB160498BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e

Quant Time: Apr 26 03:58:44 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M

Quant Title : GC Extractables

QLast Update : Tue Apr 16 08:19:15 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)	11.565	5515774	39.943 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
12) S 1-chlorooctadecane (S...	13.004	4210842	42.914 ug/ml
Spiked Amount 50.000		Recovery =	85.83%
Target Compounds			
1) T n-Nonane (C9)	3.335	4880530	37.911 ug/ml
2) T n-Decane (C10)	4.397	5164023	39.605 ug/ml
3) T A~Naphthalene (C11.7)	5.974	5653944	39.421 ug/ml
4) T n-Dodecane (C12)	6.410	5328239	41.150 ug/ml
5) T A~2-methylnaphthalene...	7.029	5518093	40.073 ug/ml
6) T n-Tetradecane (C14)	8.206	5308966	42.179 ug/ml
7) T n-Hexadecane (C16)	9.807	5224215	41.015 ug/ml
8) T n-Octadecane (C18)	11.250	5279126	41.474 ug/ml
10) T n-Eicosane (C20)	12.561	5237624	43.463 ug/ml
11) T n-Heneicosane (C21)	13.173	5059265	42.758 ug/ml
13) T n-Docosane (C22)	13.760	5013390	42.706 ug/ml
14) T n-Tetracosane (C24)	14.862	4814336	41.263 ug/ml
15) T n-Hexacosane (C26)	15.885	4958165	43.130 ug/ml
16) T n-Octacosane (C28)	16.833	5046930	44.533 ug/ml
17) T n-Tricontane (C30)	17.723	5060554	43.683 ug/ml
18) T n-Dotriacontane (C32)	18.555	4900646	42.684 ug/ml
19) T n-Tetratriacontane (C34)	19.338	4442763	40.454 ug/ml
20) T n-Hexatriacontane (C36)	20.077	3331995	32.280 ug/mlm
21) T n-Octatriacontane (C38)	20.813	2215345	22.725 ug/ml
22) T n-Tetracontane (C40)	21.722	1326129	14.655 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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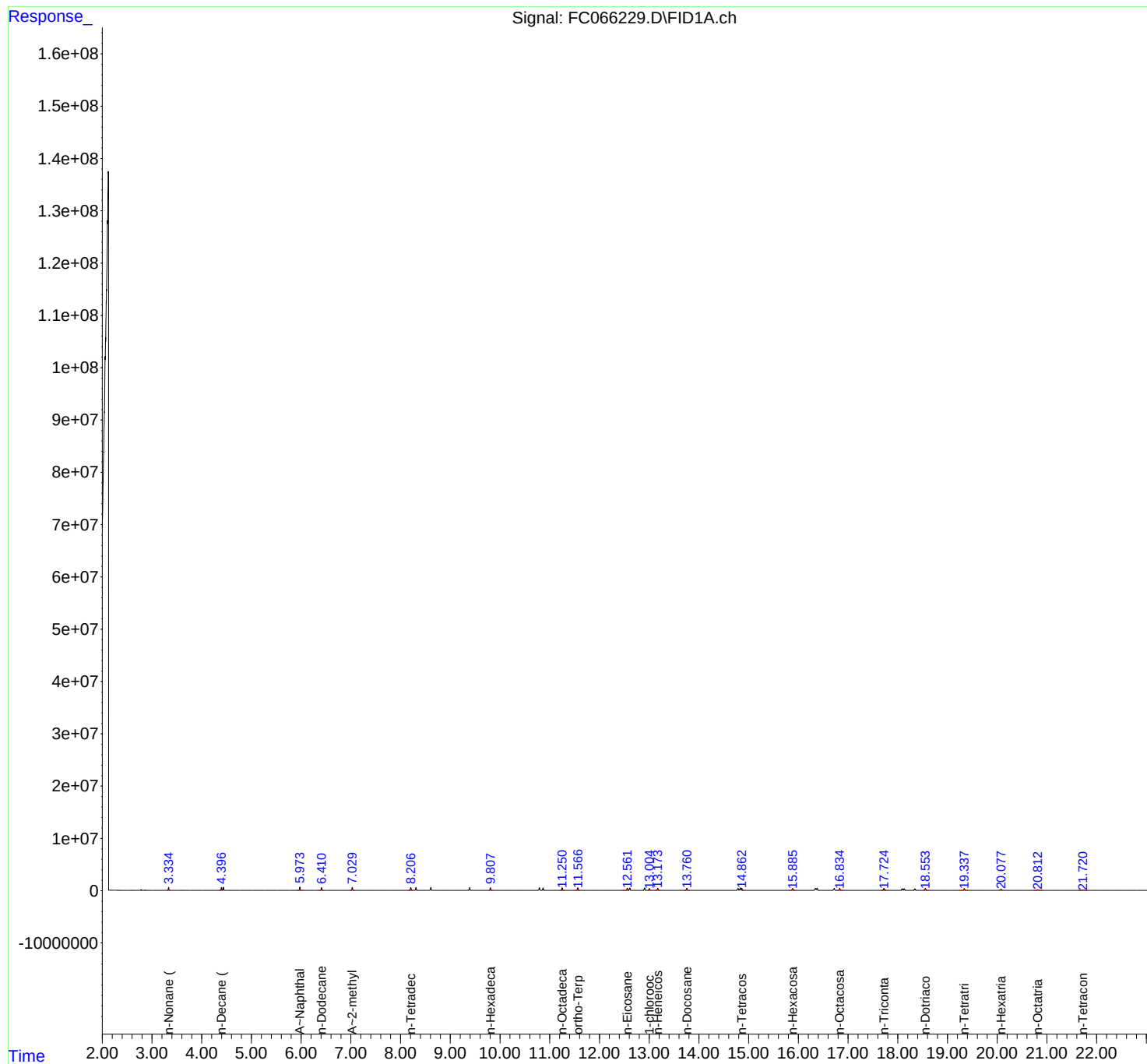
Response via : Initial Calibration

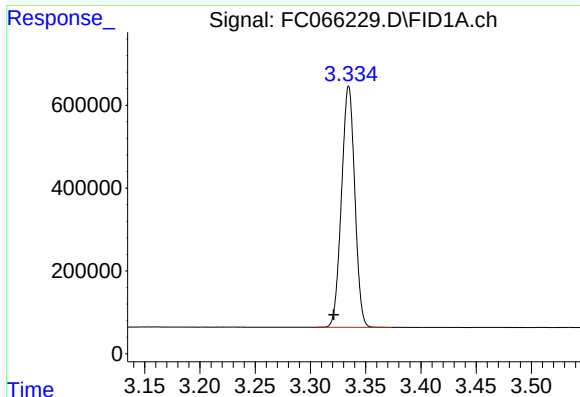
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.014 min
Response: 4880530
Conc: 37.91 ug/ml

Instrument :

FID_C

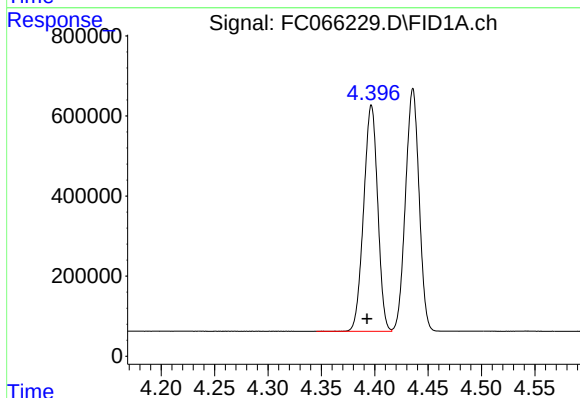
ClientSampleId :

PB160498BS

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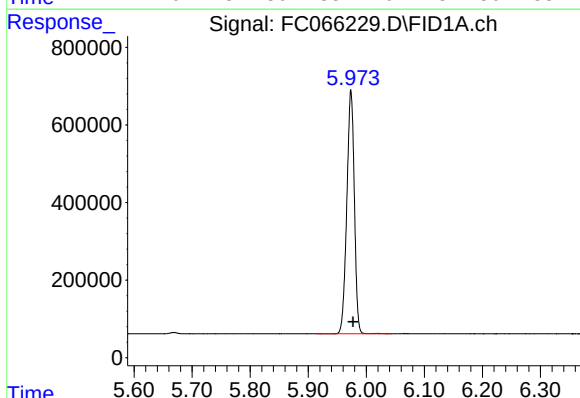
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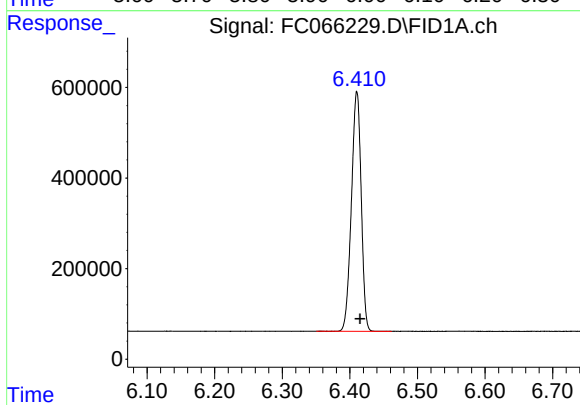
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: 0.004 min
Response: 5164023
Conc: 39.60 ug/ml



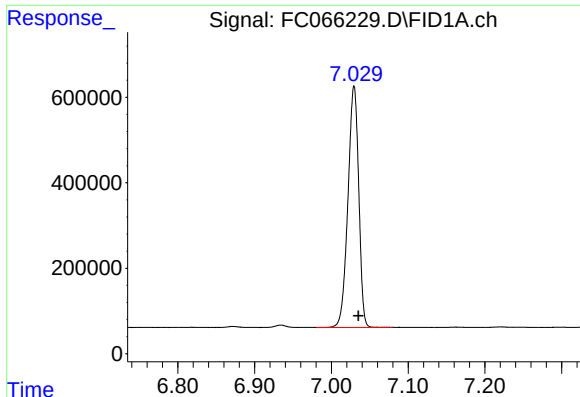
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 5653944
Conc: 39.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 5328239
Conc: 41.15 ug/ml



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

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 5518093
Conc: 40.07 ug/ml

Instrument :

FID_C

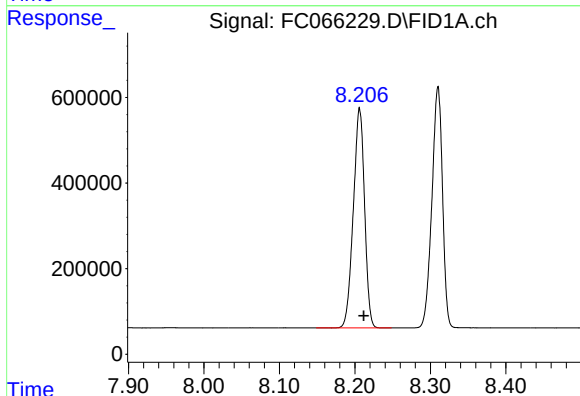
ClientSampleId :

PB160498BS

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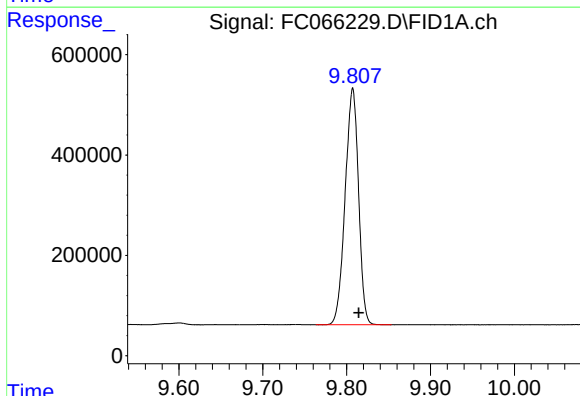
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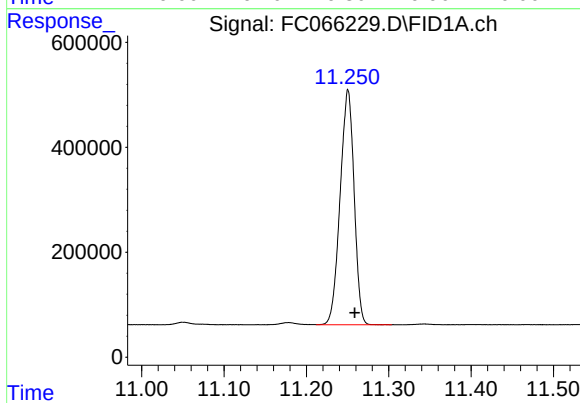
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 5308966
Conc: 42.18 ug/ml



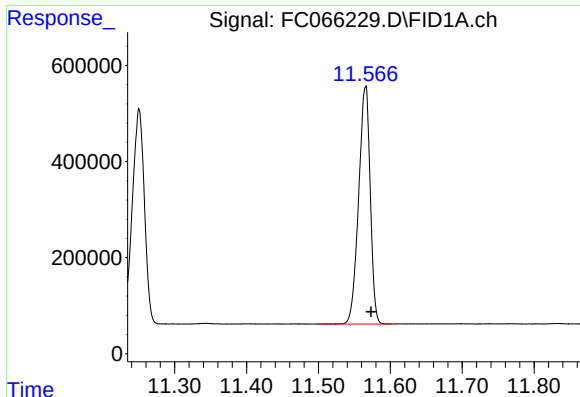
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.007 min
Response: 5224215
Conc: 41.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.008 min
Response: 5279126
Conc: 41.47 ug/ml



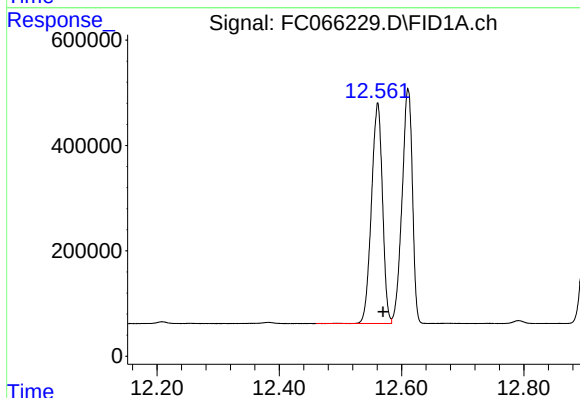
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.008 min
Response: 5515774
Conc: 39.94 ug/ml

Instrument :
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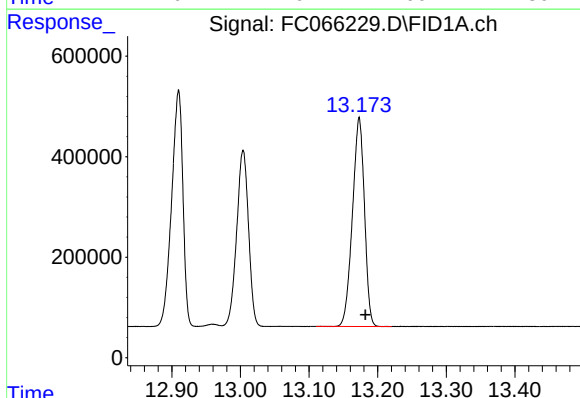
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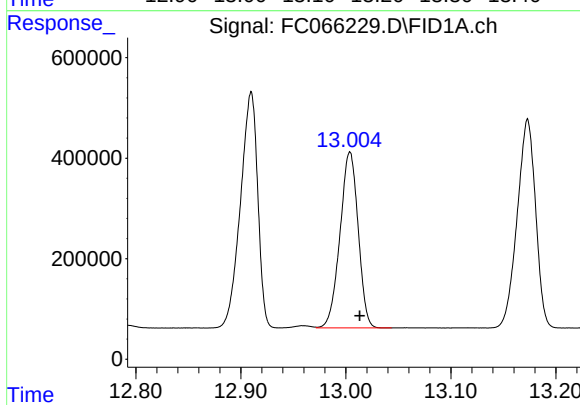
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.009 min
Response: 5237624
Conc: 43.46 ug/ml



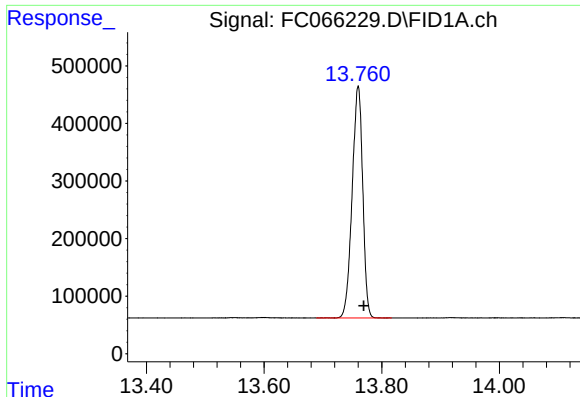
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.009 min
Response: 5059265
Conc: 42.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.009 min
Response: 4210842
Conc: 42.91 ug/ml



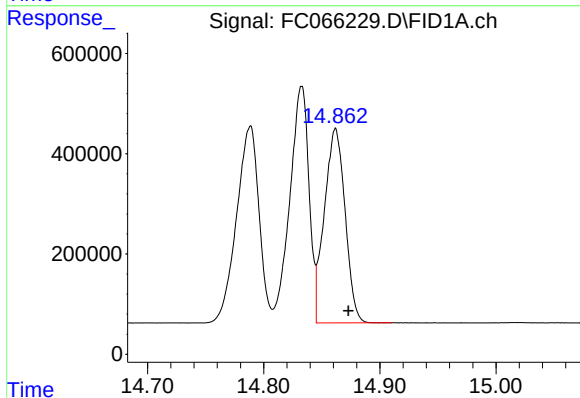
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: -0.009 min
Response: 5013390
Conc: 42.71 ug/ml

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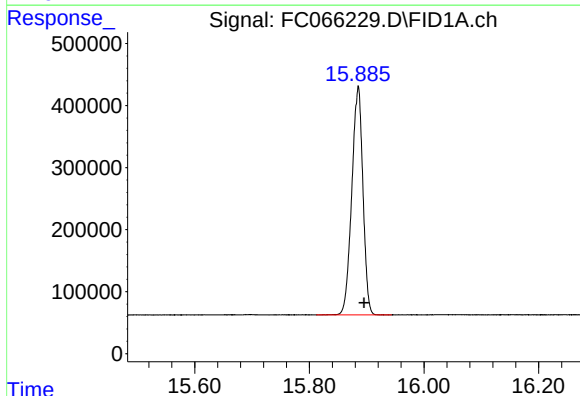
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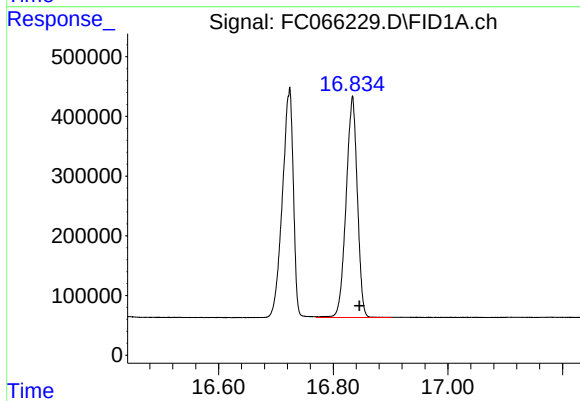
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 4814336
Conc: 41.26 ug/ml



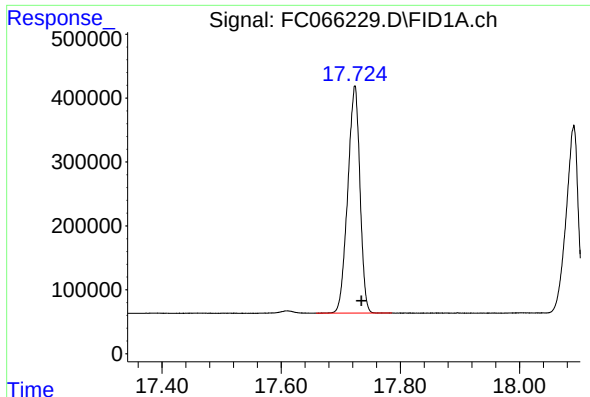
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.010 min
Response: 4958165
Conc: 43.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: -0.012 min
Response: 5046930
Conc: 44.53 ug/ml



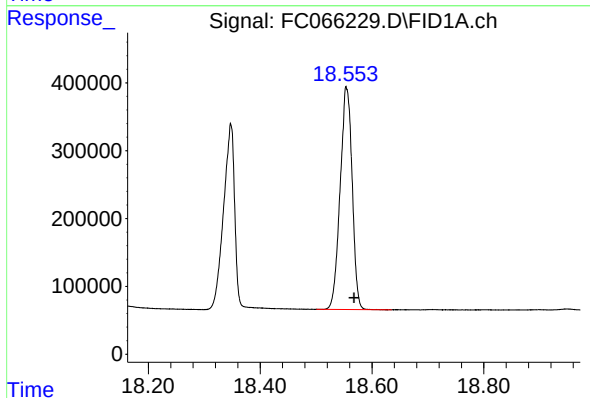
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.011 min
Response: 5060554
Conc: 43.68 ug/ml

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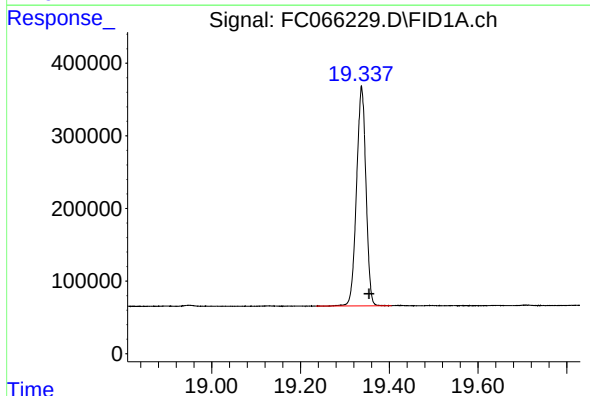
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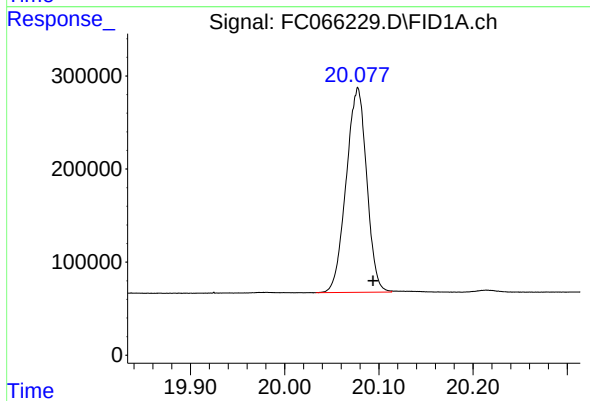
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.013 min
Response: 4900646
Conc: 42.68 ug/ml



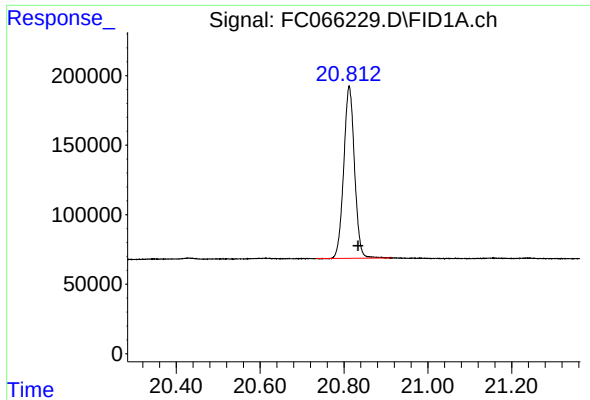
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.016 min
Response: 4442763
Conc: 40.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.017 min
Response: 3331995
Conc: 32.28 ug/ml m



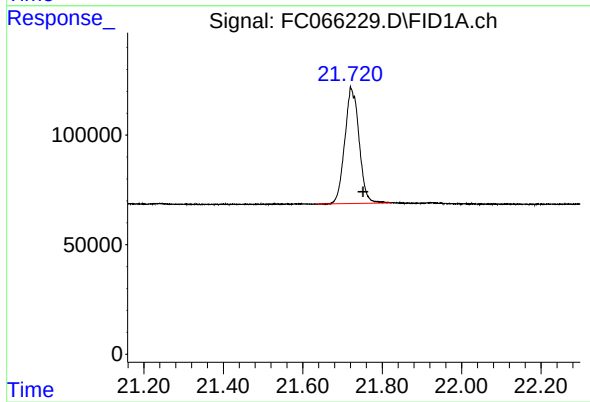
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: -0.021 min
Response: 2215345
Conc: 22.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.030 min
Response: 1326129
Conc: 14.66 ug/ml