

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060621AL\
 Data File : FC054059.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2021 18:00
 Operator : DD\AJ
 Sample : M2589-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 18-B7(2-4)MSD

Manual Integrations
 APPROVED

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 6/8/2021 8:50:06 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:51:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.370	2834887	20.304 ug/mlm
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.814	2250085	20.069 ug/mlm
Spiked Amount 50.000		Recovery =	40.14%
Target Compounds			
1) T n-Nonane (C9)	3.162	1544674	13.074 ug/ml
2) T n-Decane (C10)	4.223	2225619	18.673 ug/ml
3) T A~Naphthalene (C11.7)	5.795	2928312	22.390 ug/ml
4) T n-Dodecane (C12)	6.236	3100738	25.258 ug/ml
5) T A~2-methylnaphthalene...	6.850	3296405	24.694 ug/ml
6) T n-Tetradecane (C14)	8.028	3756024	30.281 ug/ml
7) T n-Hexadecane (C16)	9.626	3996408	32.076 ug/ml
8) T n-Octadecane (C18)	11.066	4091402	31.062 ug/ml
10) T n-Eicosane (C20)	12.374	3894299	29.054 ug/ml
11) T n-Heneicosane (C21)	12.985	3853532	28.731 ug/ml
13) T n-Docosane (C22)	13.571	3829588	28.493 ug/ml
14) T n-Tetracosane (C24)	14.643	2942443	21.915 ug/ml
15) T n-Hexacosane (C26)	15.696	3615238	27.277 ug/ml
16) T n-Octacosane (C28)	16.646	3675680	27.838 ug/ml
17) T n-Tricontane (C30)	17.536	3820204	29.135 ug/ml
18) T n-Dotriacontane (C32)	18.367	3546218	27.490 ug/mlm
19) T n-Tetratriacontane (C34)	19.154	3659516	29.997 ug/mlm
20) T n-Hexatriacontane (C36)	19.895	3508003	31.072 ug/mlm
21) T n-Octatriacontane (C38)	20.608	3391683	33.637 ug/mlm
22) T n-Tetracontane (C40)	21.451	3493998	34.621 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2589-02MSD
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ALS Vial : 15 Sample Multiplier: 1

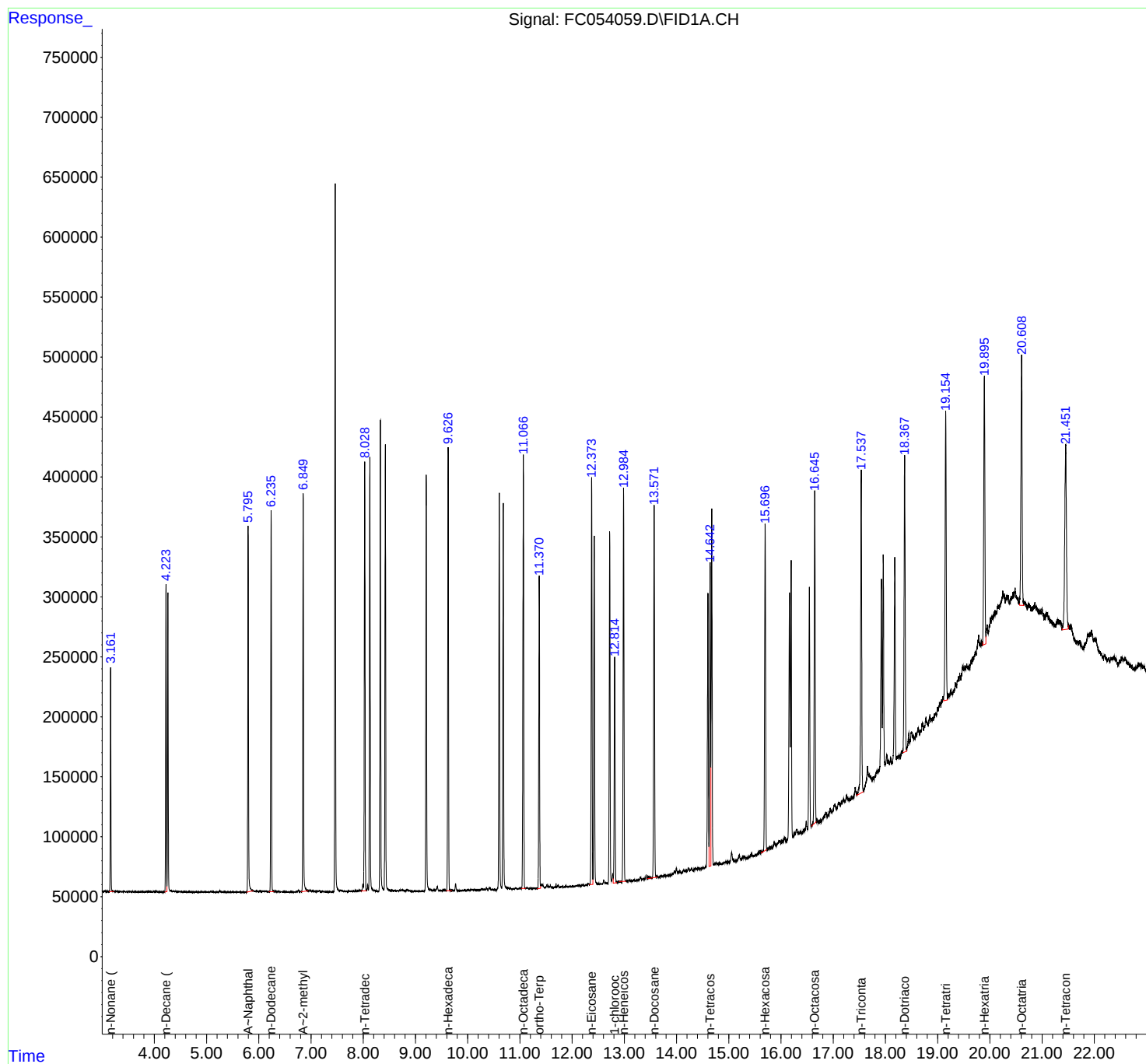
Instrument :
FID_C
ClientSampled :
18-B7(2-4)MSD

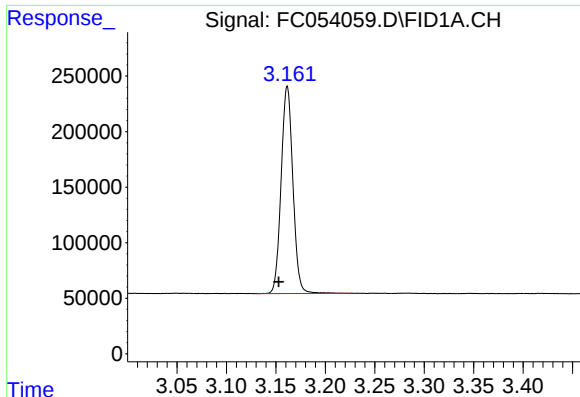
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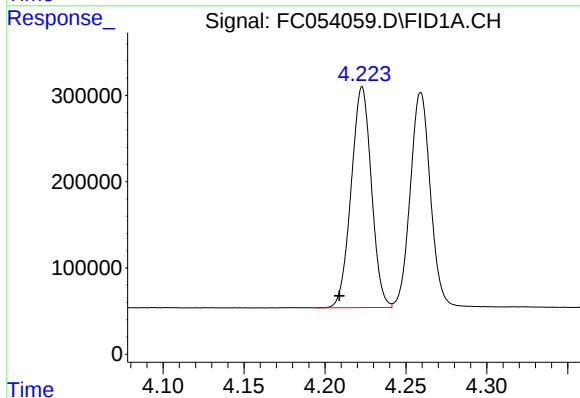
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 1544674
Conc: 13.07 ug/ml

Instrument :
FID_C
ClientSampleId :
18-B7(2-4)MSD

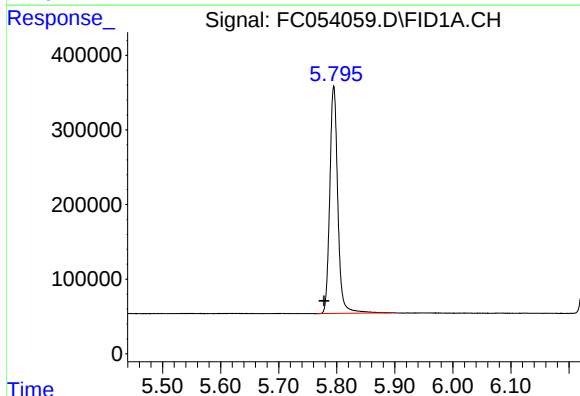
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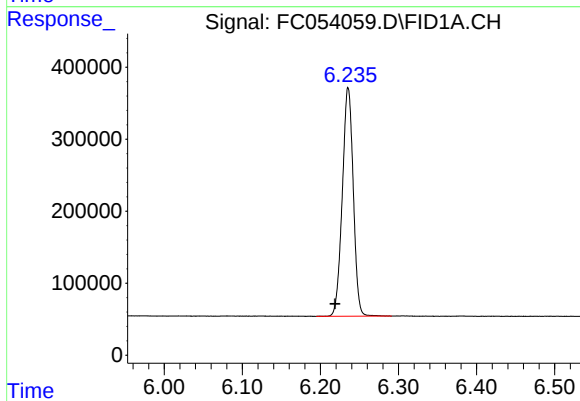
#2 n-Decane (C10)

R.T.: 4.223 min
Delta R.T.: 0.014 min
Response: 2225619
Conc: 18.67 ug/ml



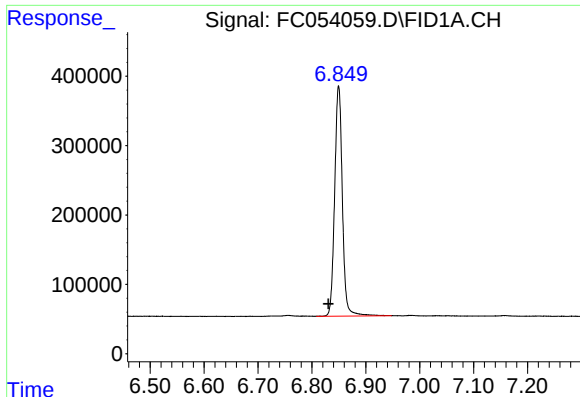
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 2928312
Conc: 22.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.236 min
Delta R.T.: 0.017 min
Response: 3100738
Conc: 25.26 ug/ml



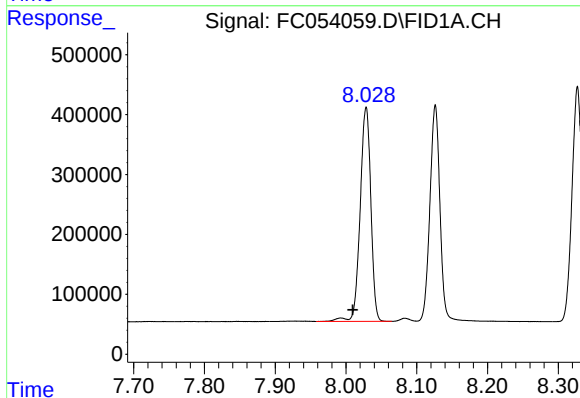
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.019 min
Response: 3296405
Conc: 24.69 ug/ml

Instrument :
FID_C
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18-B7(2-4)MSD

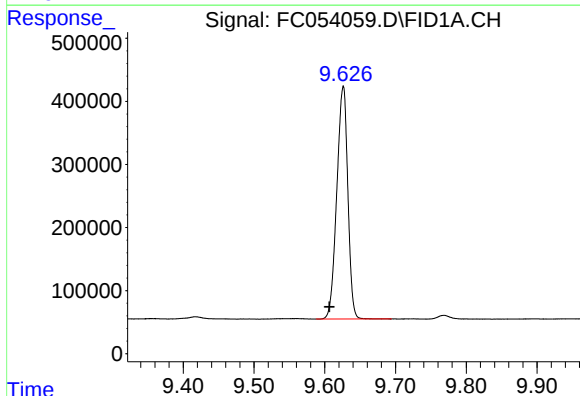
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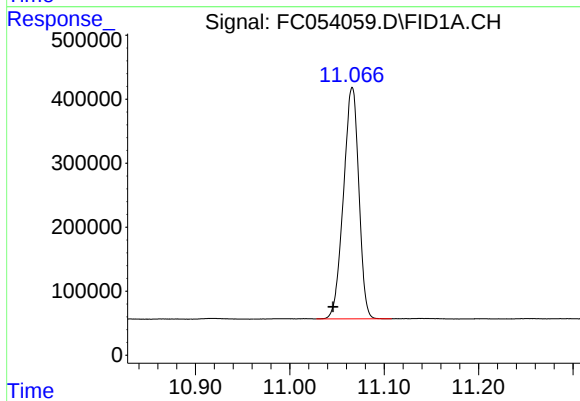
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: 0.019 min
Response: 3756024
Conc: 30.28 ug/ml



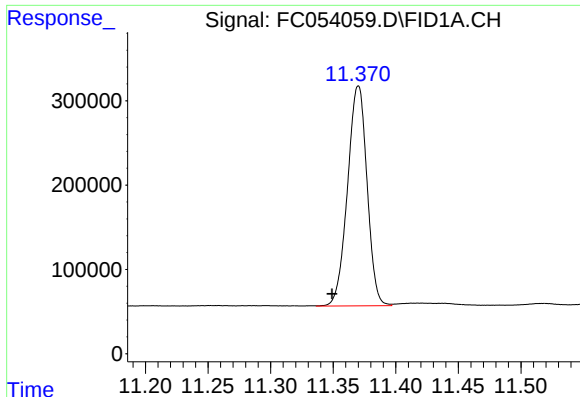
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: 0.019 min
Response: 3996408
Conc: 32.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.066 min
Delta R.T.: 0.020 min
Response: 4091402
Conc: 31.06 ug/ml



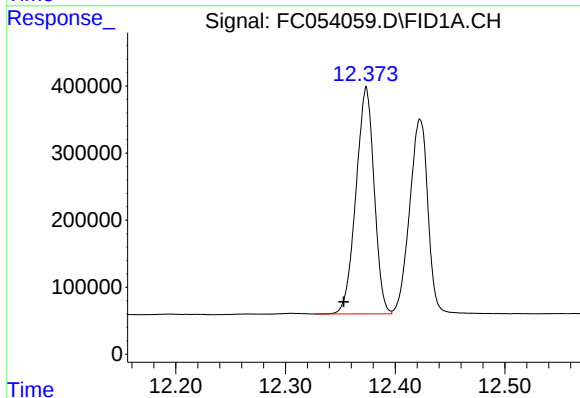
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: 0.021 min
Response: 2834887
Conc: 20.30 ug/ml m

Instrument :
FID_C
ClientSampleId :
18-B7(2-4)MSD

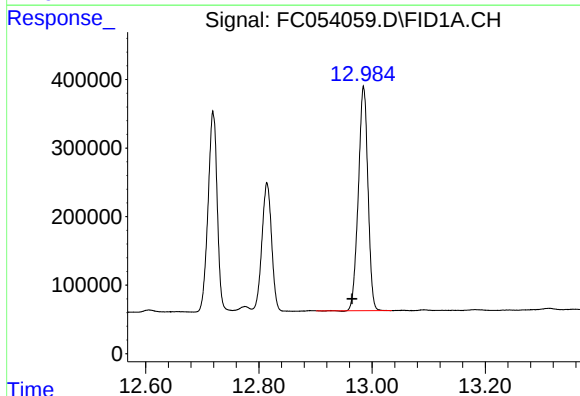
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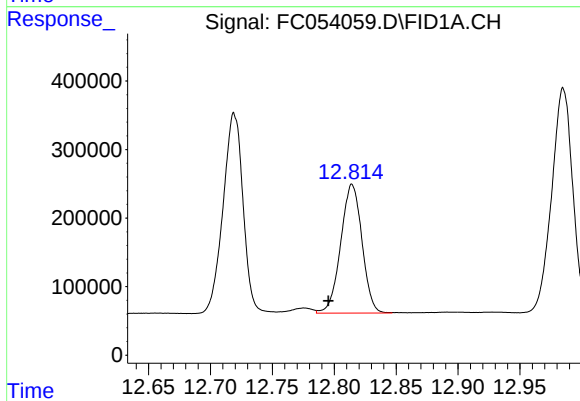
#10 n-Eicosane (C20)

R.T.: 12.374 min
Delta R.T.: 0.020 min
Response: 3894299
Conc: 29.05 ug/ml



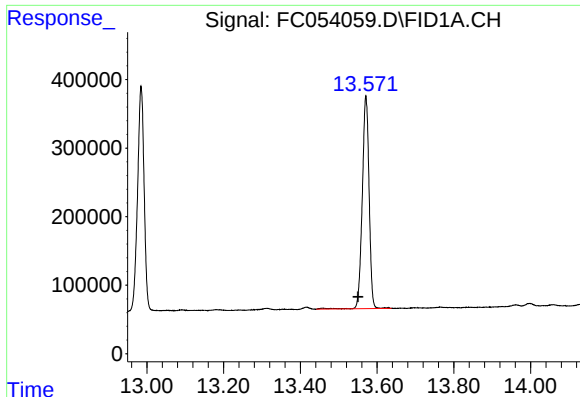
#11 n-Heneicosane (C21)

R.T.: 12.985 min
Delta R.T.: 0.020 min
Response: 3853532
Conc: 28.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.018 min
Response: 2250085
Conc: 20.07 ug/ml m



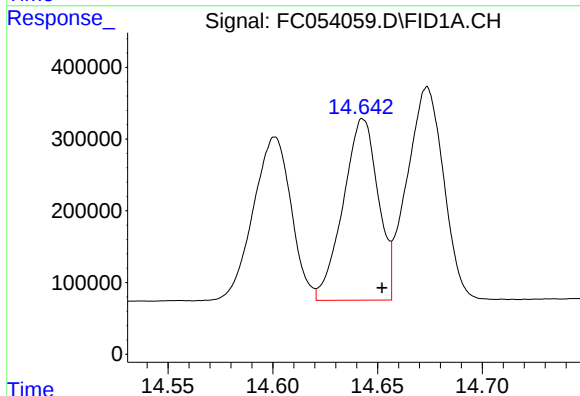
#13 n-Docosane (C22)

R.T.: 13.571 min
Delta R.T.: 0.021 min
Response: 3829588
Conc: 28.49 ug/ml

Instrument :
FID_C
ClientSampleId :
18-B7(2-4)MSD

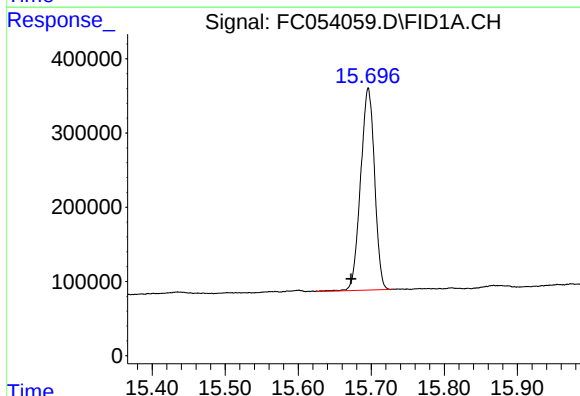
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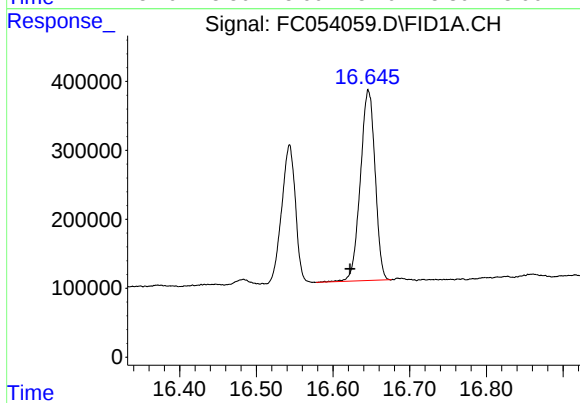
#14 n-Tetracosane (C24)

R.T.: 14.643 min
Delta R.T.: -0.009 min
Response: 2942443
Conc: 21.91 ug/ml



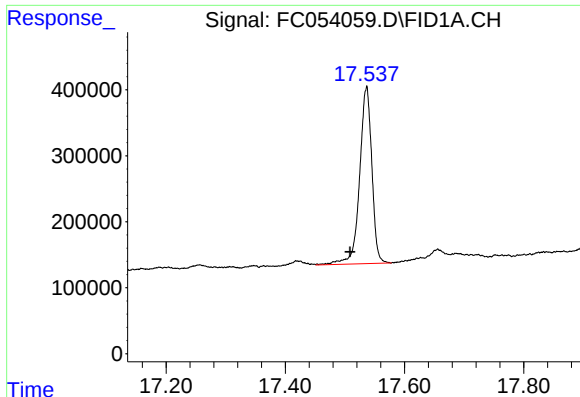
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: 0.023 min
Response: 3615238
Conc: 27.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: 0.024 min
Response: 3675680
Conc: 27.84 ug/ml



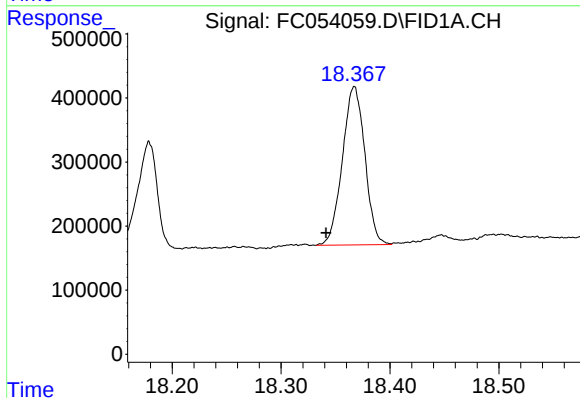
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.027 min
Response: 3820204
Conc: 29.14 ug/ml

Instrument :
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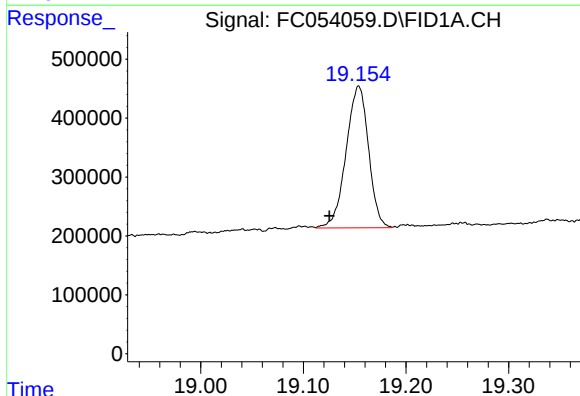
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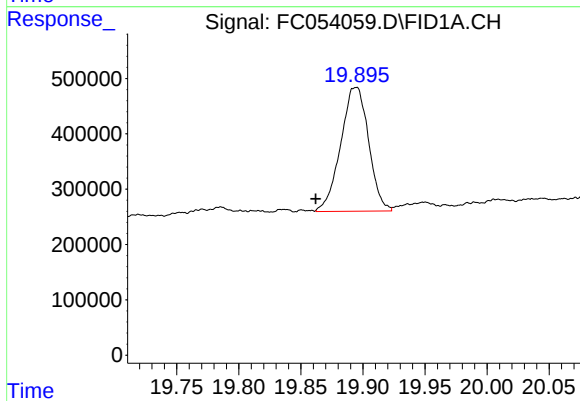
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: 0.025 min
Response: 3546218
Conc: 27.49 ug/ml m



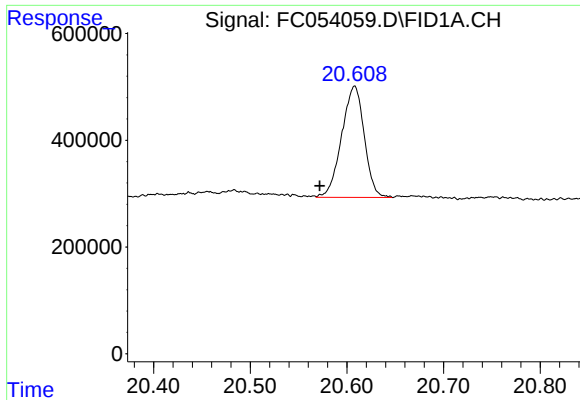
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min
Delta R.T.: 0.028 min
Response: 3659516
Conc: 30.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.895 min
Delta R.T.: 0.033 min
Response: 3508003
Conc: 31.07 ug/ml m



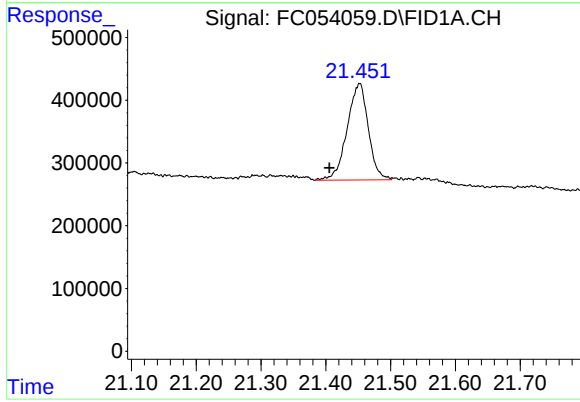
#21 n-Octatriacontane (C38)

R.T.: 20.608 min
Delta R.T.: 0.036 min
Response: 3391683
Conc: 33.64 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.451 min
Delta R.T.: 0.045 min
Response: 3493998
Conc: 34.62 ug/ml m