

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082123AL\
 Data File : FF013239.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 15:10
 Operator : YP\AJ
 Sample : 04080-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ETGI-340MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e

Quant Time: Aug 22 01:33:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 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)	11.892	3717952	27.061 ug/ml
Spiked Amount 50.000		Recovery =	54.12%
12) S 1-chlorooctadecane (S...	13.329	2814646	26.859 ug/ml
Spiked Amount 50.000		Recovery =	53.72%
Target Compounds			
1) T n-Nonane (C9)	3.288	3568514	33.397 ug/ml
2) T n-Decane (C10)	4.540	4049664	37.789 ug/ml
3) T A~Naphthalene (C11.7)	6.237	4692847	39.640 ug/ml
4) T n-Dodecane (C12)	6.703	4391587	40.585 ug/ml
5) T A~2-methylnaphthalene...	7.331	4773956	40.275 ug/ml
6) T n-Tetradecane (C14)	8.529	4583440	42.461 ug/ml
7) T n-Hexadecane (C16)	10.135	4995156	46.081 ug/ml
8) T n-Octadecane (C18)	11.578	5310005	48.493 ug/ml
10) T n-Eicosane (C20)	12.887	5497232	50.097 ug/ml
11) T n-Heneicosane (C21)	13.499	5380056	48.969 ug/ml
13) T n-Docosane (C22)	14.084	5332770	48.573 ug/ml
14) T n-Tetracosane (C24)	15.188	4971488	45.250 ug/ml
15) T n-Hexacosane (C26)	16.208	5200071	47.580 ug/ml
16) T n-Octacosane (C28)	17.157	5209261	48.246 ug/ml
17) T n-Tricontane (C30)	18.043	5046424	46.146 ug/ml
18) T n-Dotriacontane (C32)	18.873	4853409	42.967 ug/ml
19) T n-Tetratriacontane (C34)	19.656	4372503	41.164 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3902476	37.025 ug/mlm
21) T n-Octatriacontane (C38)	21.124	3807775	37.701 ug/mlm
22) T n-Tetracontane (C40)	22.017	3793508	38.168 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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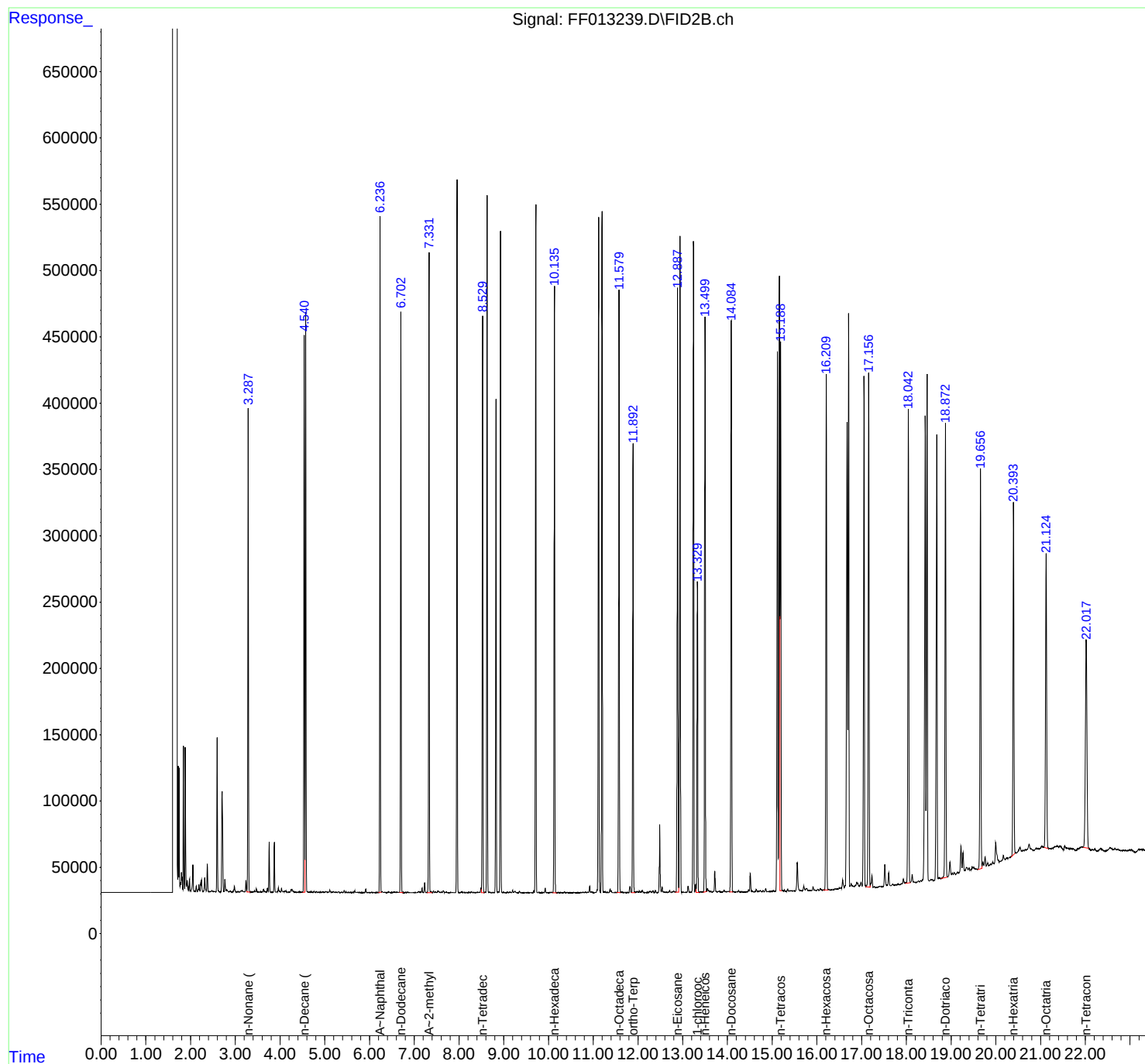
Response via : Initial Calibration

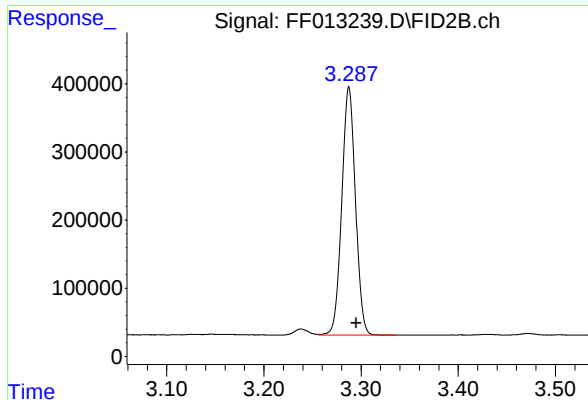
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 3568514
Conc: 33.40 ug/ml

Instrument :

FID_F

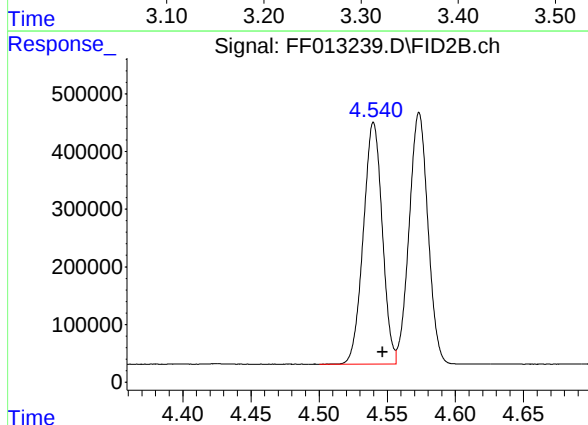
ClientSampleId :

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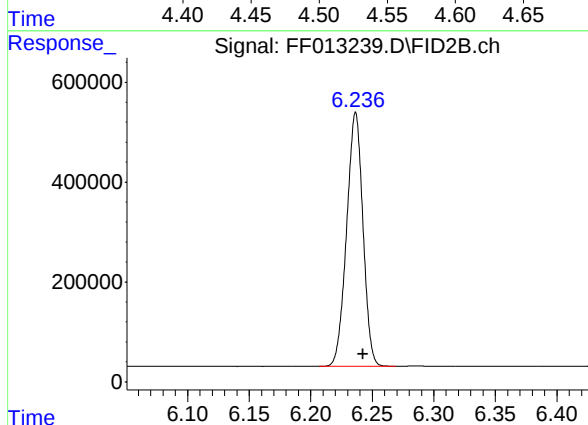
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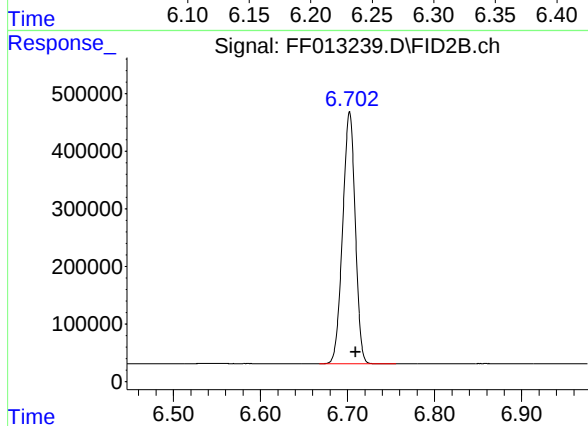
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 4049664
Conc: 37.79 ug/ml



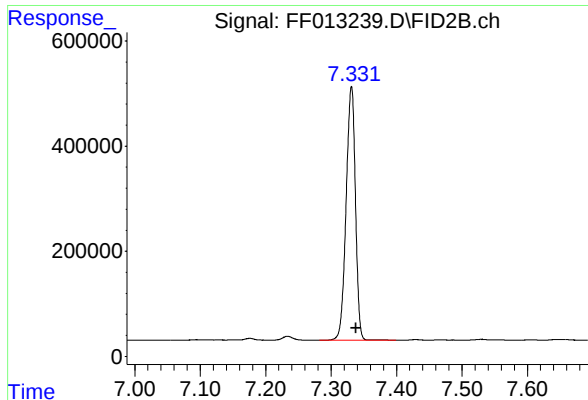
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.006 min
Response: 4692847
Conc: 39.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 4391587
Conc: 40.58 ug/ml



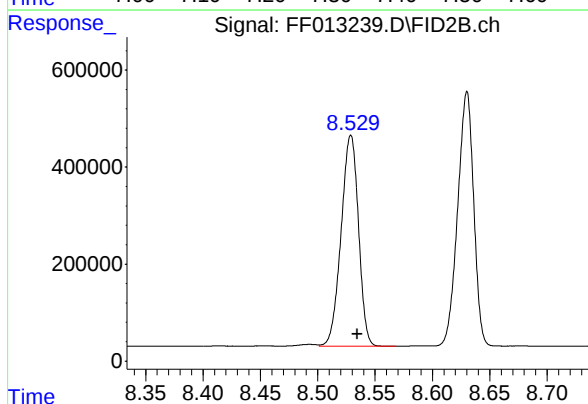
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 4773956
Conc: 40.28 ug/ml

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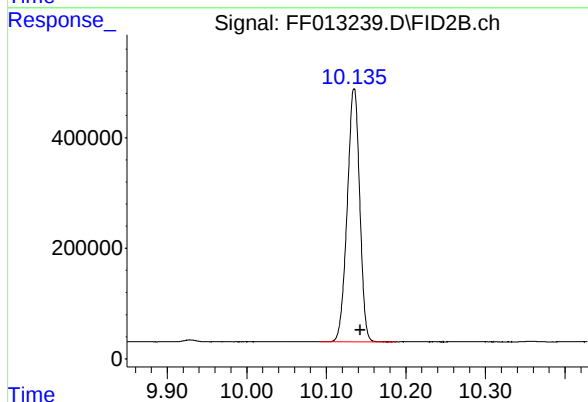
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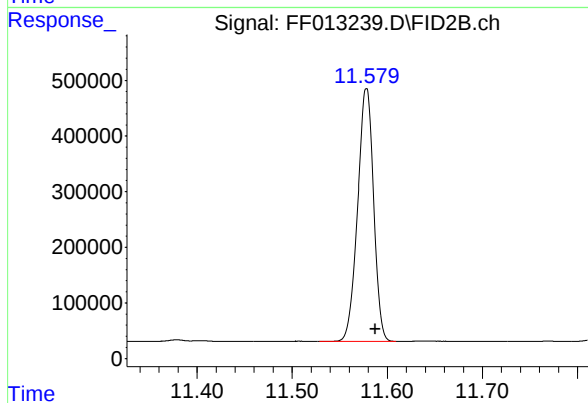
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.005 min
Response: 4583440
Conc: 42.46 ug/ml



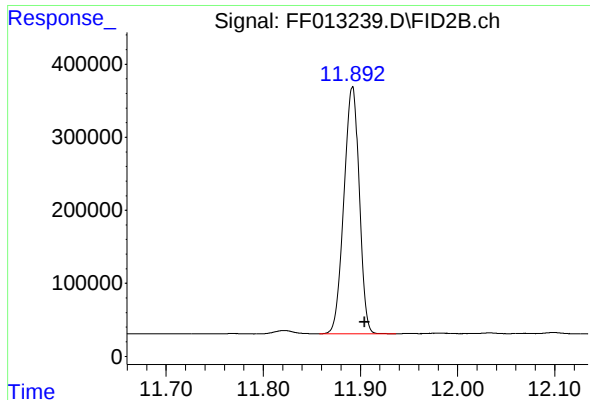
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 4995156
Conc: 46.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.009 min
Response: 5310005
Conc: 48.49 ug/ml



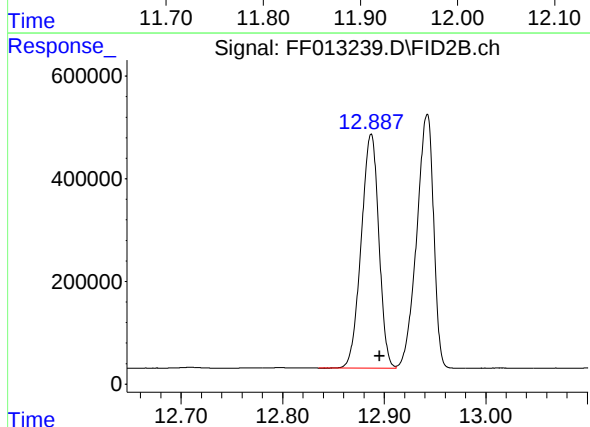
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 3717952
Conc: 27.06 ug/ml

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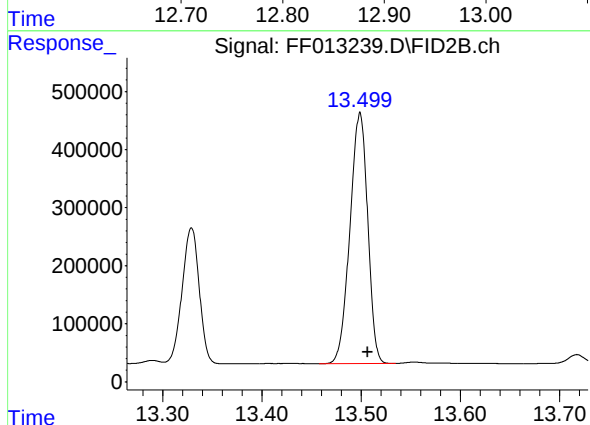
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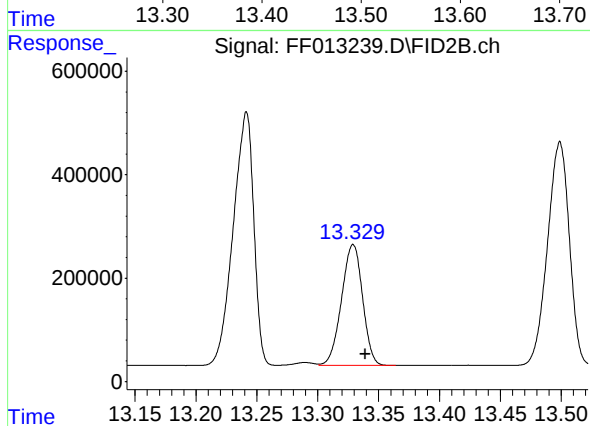
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 5497232
Conc: 50.10 ug/ml



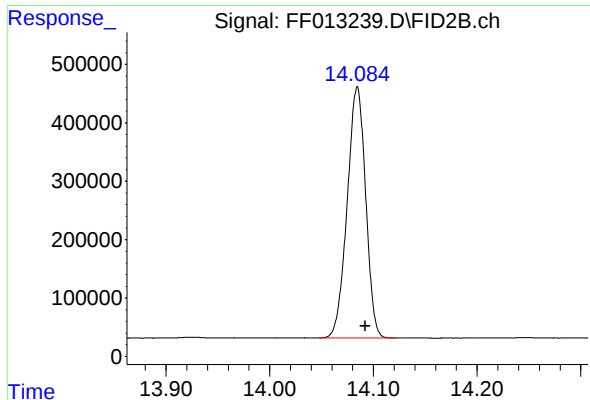
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 5380056
Conc: 48.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 2814646
Conc: 26.86 ug/ml



#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.008 min
Response: 5332770
Conc: 48.57 ug/ml

Instrument :

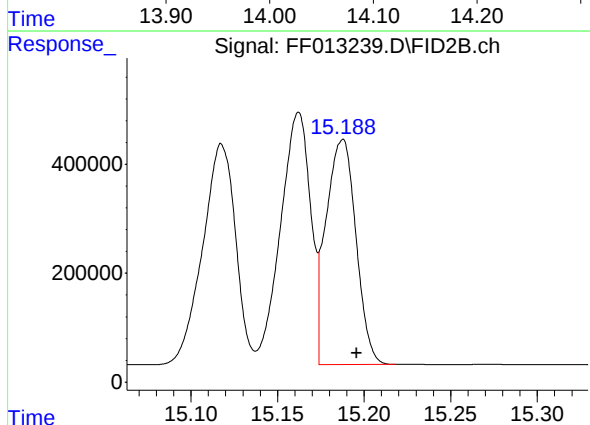
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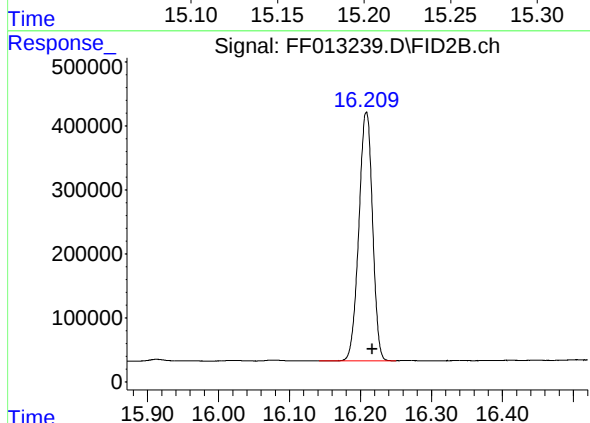
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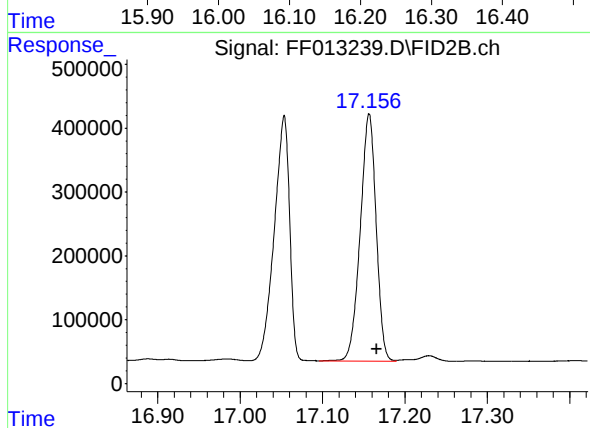
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 4971488
Conc: 45.25 ug/ml



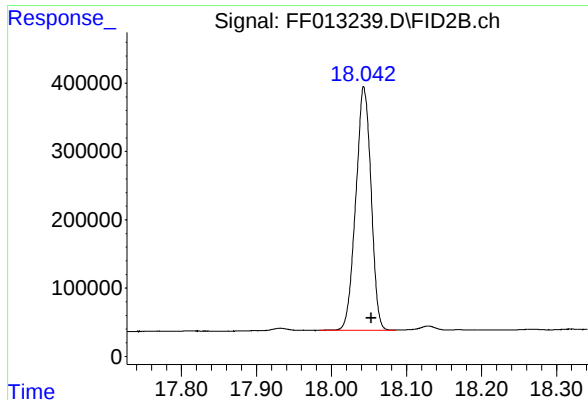
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 5200071
Conc: 47.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 5209261
Conc: 48.25 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 5046424
Conc: 46.15 ug/ml

Instrument :

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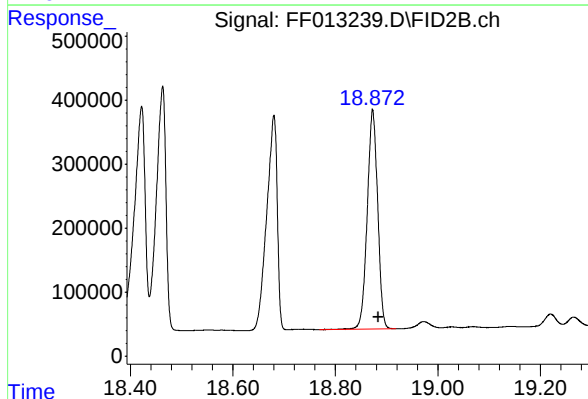
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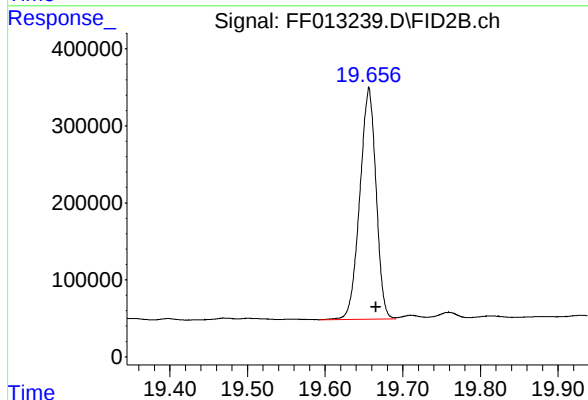
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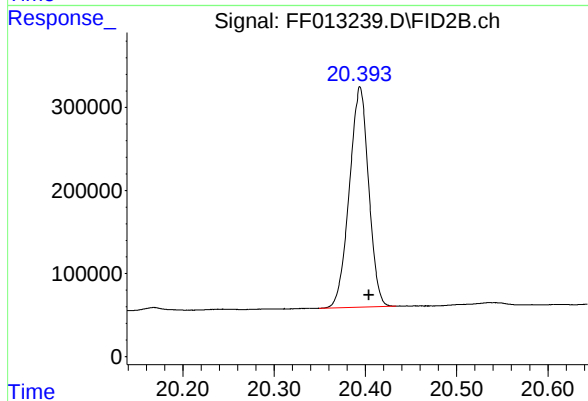
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.011 min
Response: 4853409
Conc: 42.97 ug/ml



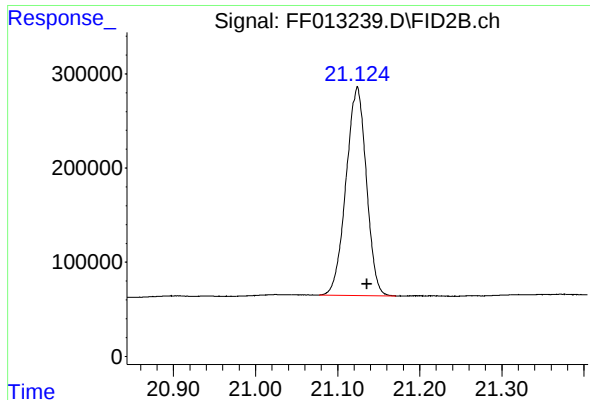
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.009 min
Response: 4372503
Conc: 41.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: -0.010 min
Response: 3902476
Conc: 37.02 ug/ml m



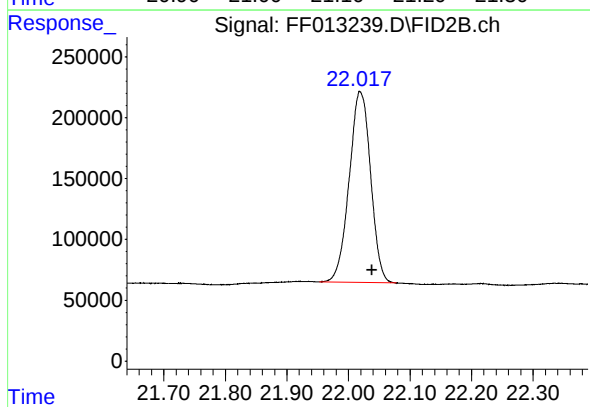
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 3807775
Conc: 37.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: -0.021 min
Response: 3793508
Conc: 38.17 ug/ml m