

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082123AL\
 Data File : FF013240.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 15:40
 Operator : YP\AJ
 Sample : 04080-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ETGI-340MSD

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 01:33:54 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	4105849	29.884 ug/ml
Spiked Amount 50.000		Recovery =	59.77%
12) S 1-chlorooctadecane (S...	13.330	3103702	29.617 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
Target Compounds			
1) T n-Nonane (C9)	3.291	3910006	36.593 ug/ml
2) T n-Decane (C10)	4.542	4430889	41.346 ug/ml
3) T A~Naphthalene (C11.7)	6.237	5141543	43.430 ug/ml
4) T n-Dodecane (C12)	6.703	4813217	44.482 ug/ml
5) T A~2-methylnaphthalene...	7.332	5205574	43.917 ug/ml
6) T n-Tetradecane (C14)	8.529	5024191	46.544 ug/ml
7) T n-Hexadecane (C16)	10.135	5487707	50.625 ug/ml
8) T n-Octadecane (C18)	11.578	5841230	53.345 ug/ml
10) T n-Eicosane (C20)	12.888	6055613	55.186 ug/ml
11) T n-Heneicosane (C21)	13.500	5932595	53.998 ug/ml
13) T n-Docosane (C22)	14.086	5890404	53.653 ug/ml
14) T n-Tetracosane (C24)	15.188	5397419	49.127 ug/ml
15) T n-Hexacosane (C26)	16.209	5761428	52.716 ug/ml
16) T n-Octacosane (C28)	17.157	5759096	53.339 ug/ml
17) T n-Tricontane (C30)	18.044	5579641	51.021 ug/ml
18) T n-Dotriacontane (C32)	18.876	5345944	47.327 ug/ml
19) T n-Tetratriacontane (C34)	19.658	4800025	45.189 ug/ml
20) T n-Hexatriacontane (C36)	20.395	4432951	42.057 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4297621	42.551 ug/ml
22) T n-Tetracontane (C40)	22.018	4290074	43.164 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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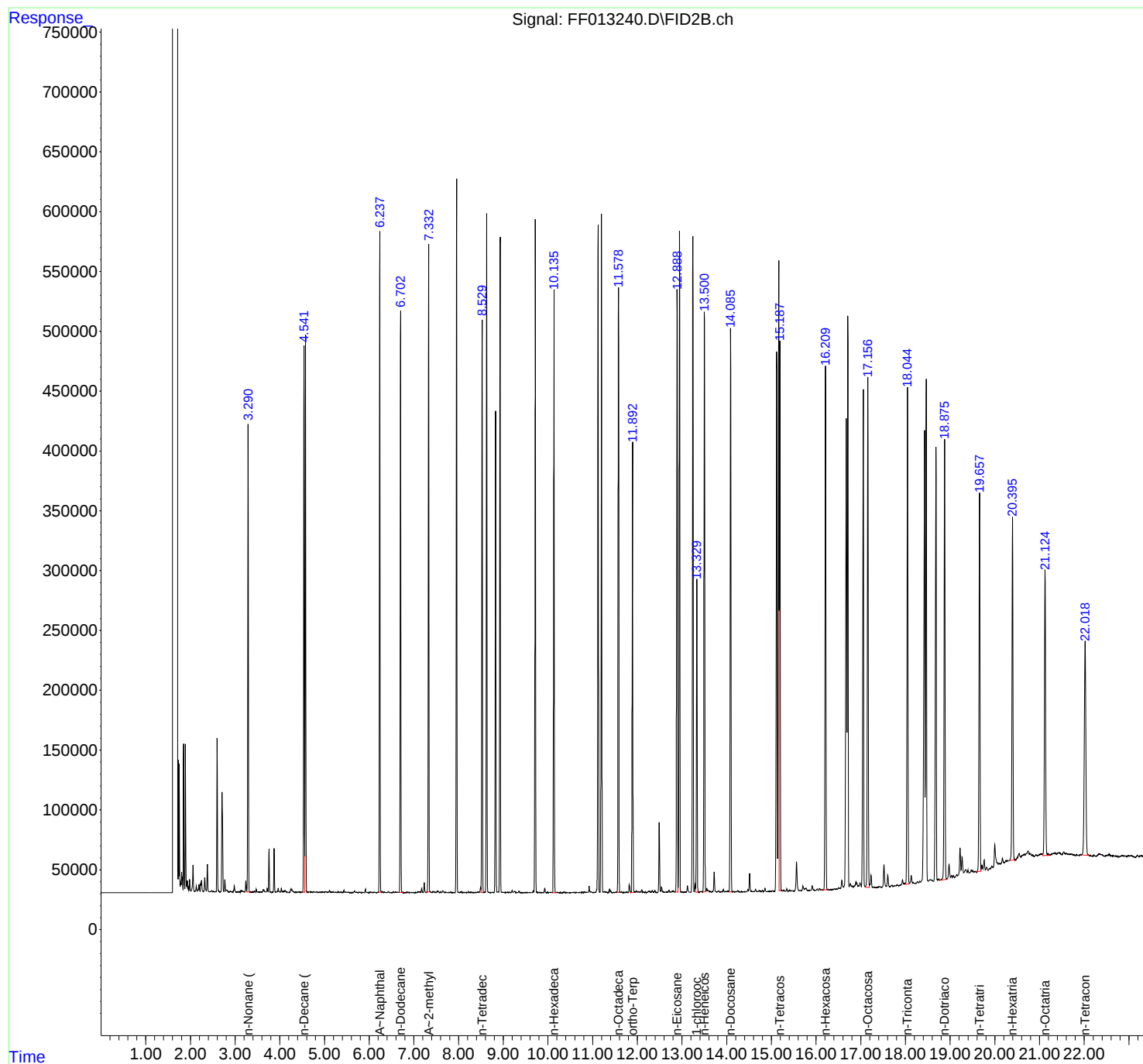
Response via : Initial Calibration

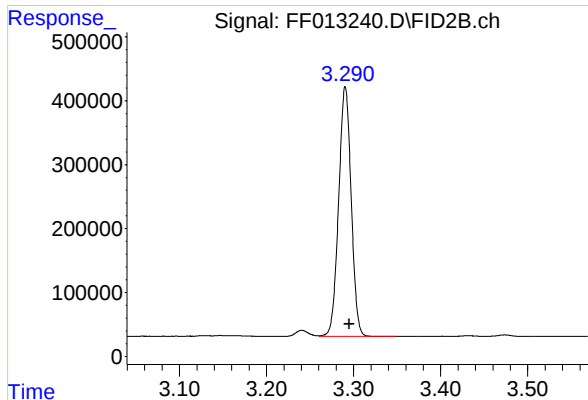
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





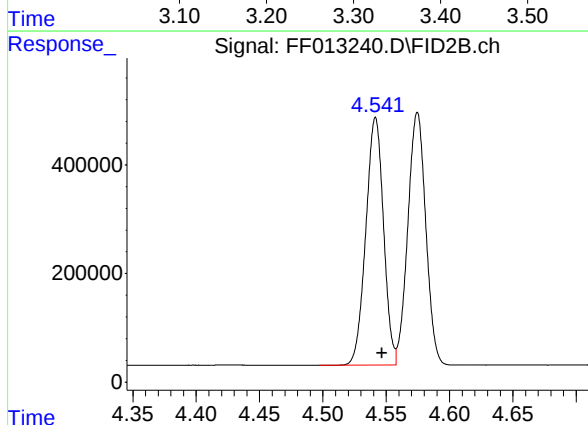
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 3910006
Conc: 36.59 ug/ml

Instrument :
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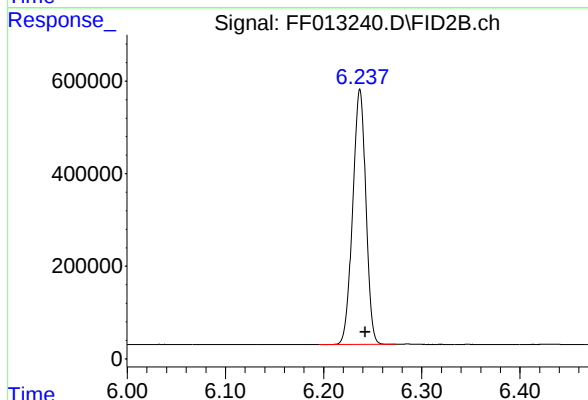
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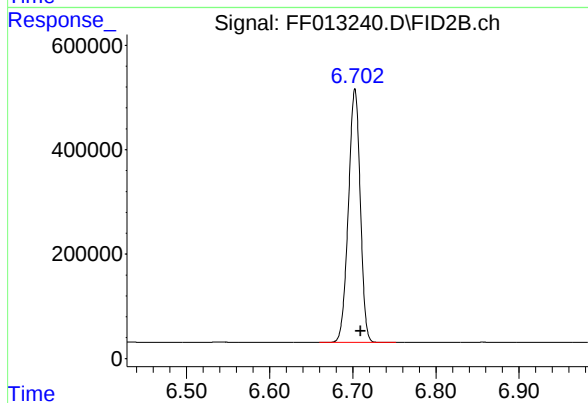
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.005 min
Response: 4430889
Conc: 41.35 ug/ml



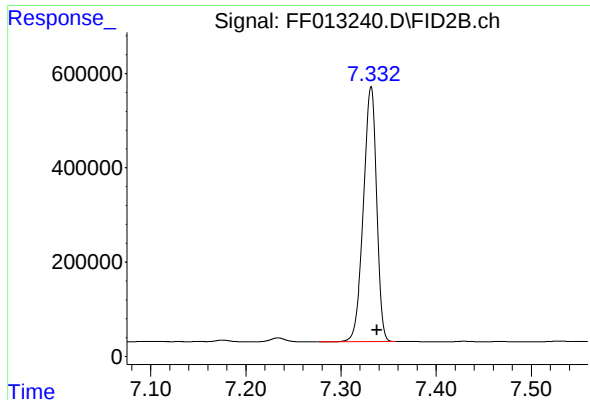
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.005 min
Response: 5141543
Conc: 43.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 4813217
Conc: 44.48 ug/ml



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

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 5205574
Conc: 43.92 ug/ml

Instrument :

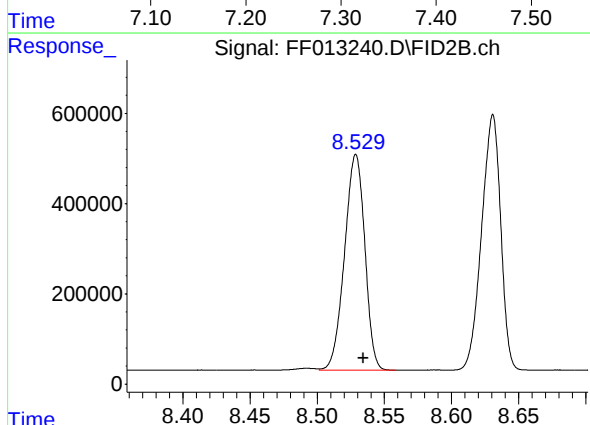
FID_F

ClientSampleId :

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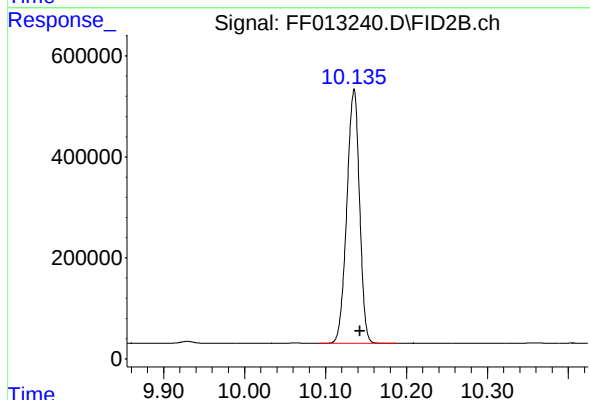
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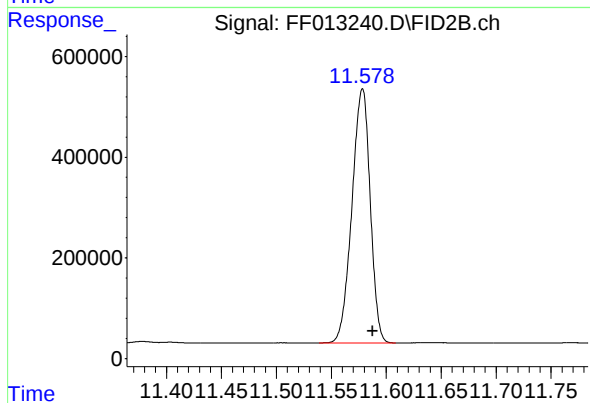
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.006 min
Response: 5024191
Conc: 46.54 ug/ml



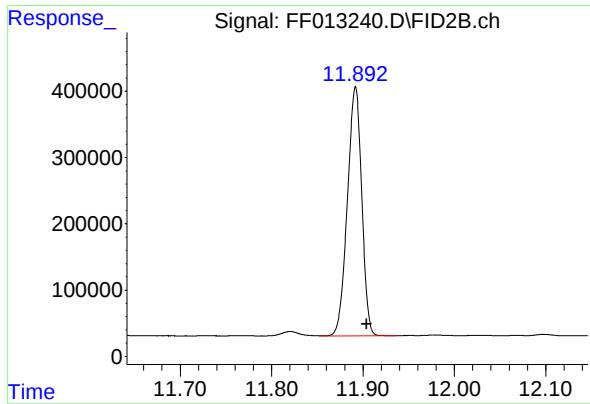
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.007 min
Response: 5487707
Conc: 50.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.009 min
Response: 5841230
Conc: 53.34 ug/ml



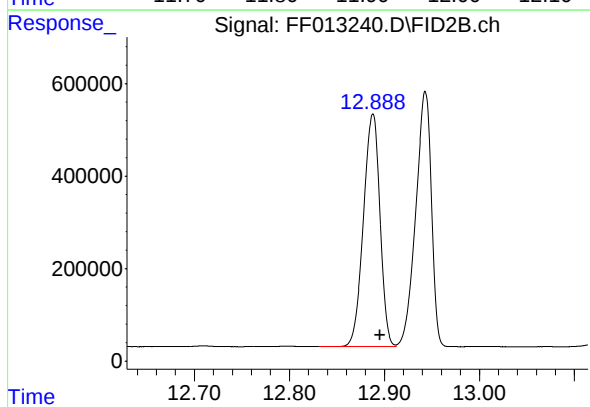
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 4105849
Conc: 29.88 ug/ml

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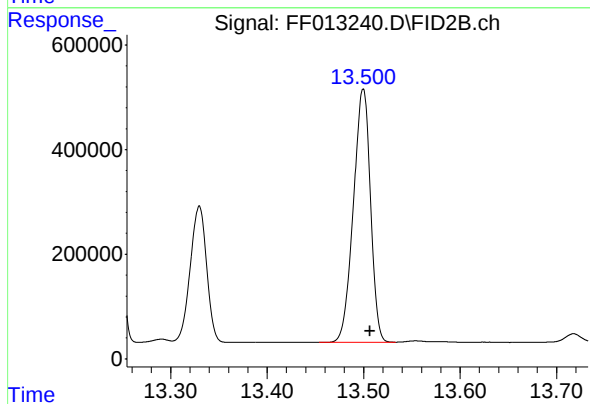
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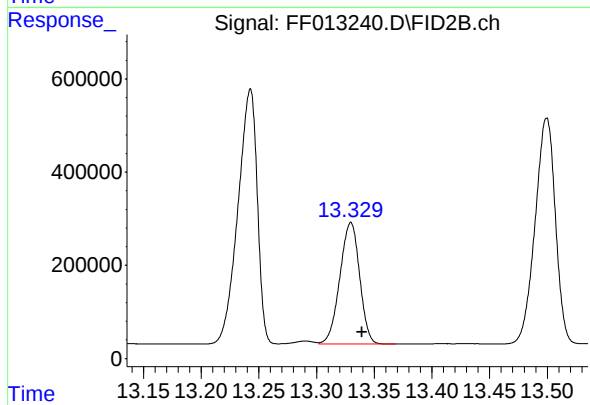
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.007 min
Response: 6055613
Conc: 55.19 ug/ml



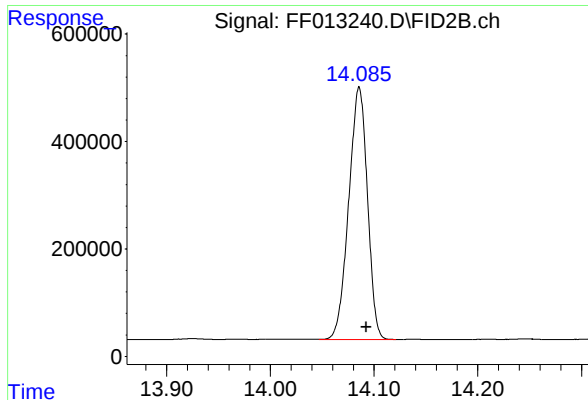
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 5932595
Conc: 54.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 3103702
Conc: 29.62 ug/ml



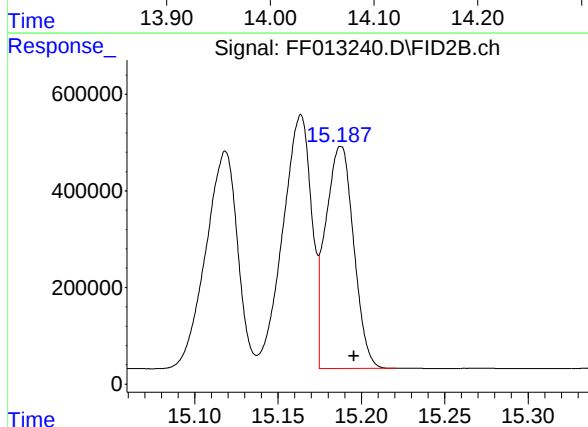
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.007 min
Response: 5890404
Conc: 53.65 ug/ml

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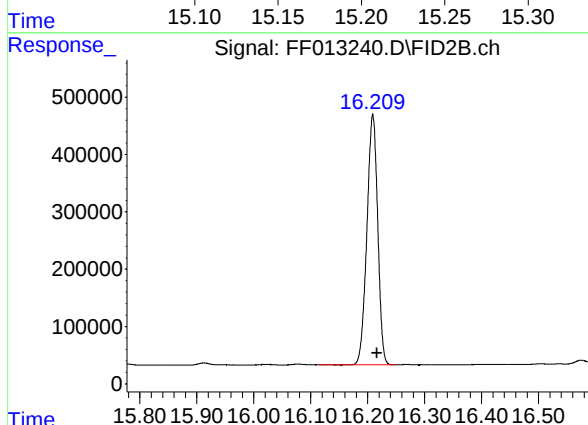
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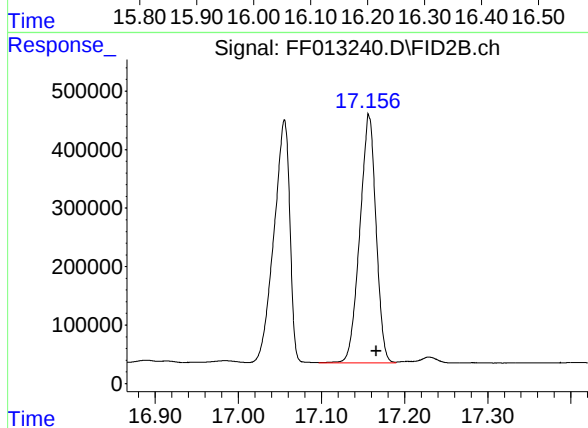
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 5397419
Conc: 49.13 ug/ml



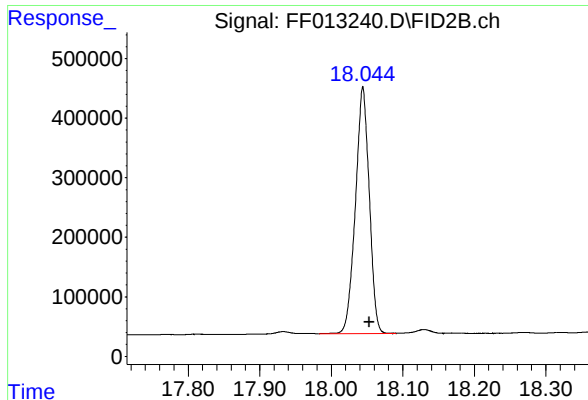
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 5761428
Conc: 52.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 5759096
Conc: 53.34 ug/ml



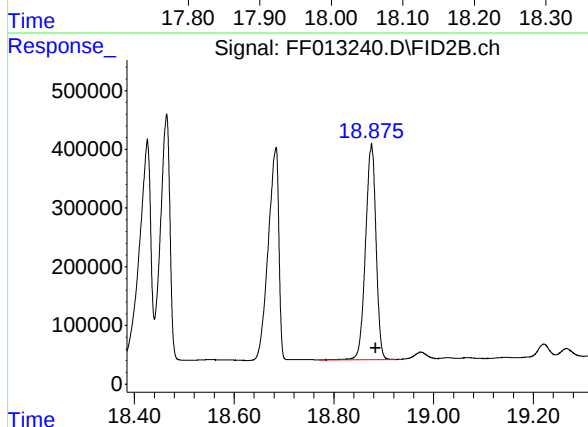
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 5579641
Conc: 51.02 ug/ml

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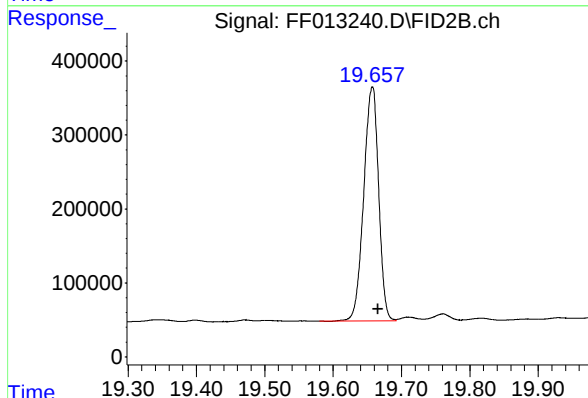
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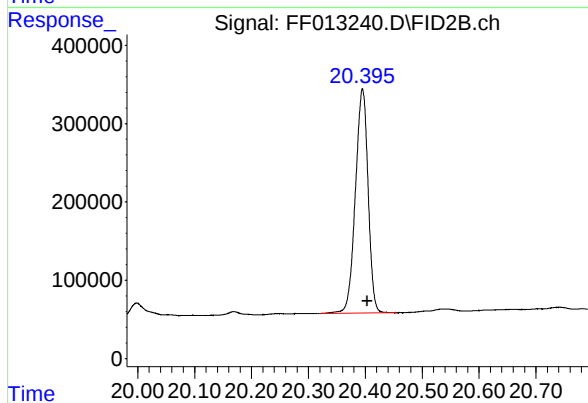
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.008 min
Response: 5345944
Conc: 47.33 ug/ml



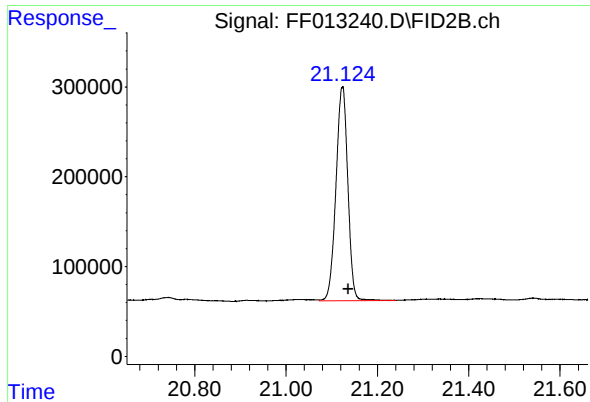
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.008 min
Response: 4800025
Conc: 45.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 4432951
Conc: 42.06 ug/ml m



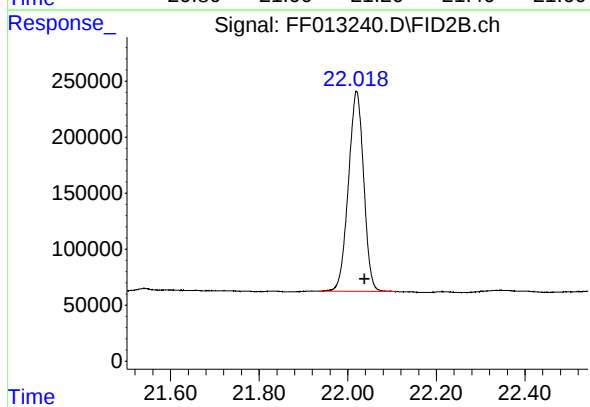
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4297621
Conc: 42.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.020 min
Response: 4290074
Conc: 43.16 ug/ml m