

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014415.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 18:28
 Operator : YP\AJ
 Sample : P3489-06MSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

4MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 04:14:45 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M

Quant Title : GC Extractables

QLast Update : Tue Jul 30 05:51:52 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)	11.814	4874794	34.612 ug/ml
Spiked Amount 50.000		Recovery =	69.22%
12) S 1-chlorooctadecane (S...	13.256	3965694	42.416 ug/ml
Spiked Amount 50.000		Recovery =	84.83%
Target Compounds			
1) T n-Nonane (C9)	3.235	6402085	49.536 ug/ml
2) T n-Decane (C10)	4.475	6744622	51.476 ug/ml
3) T A~Naphthalene (C11.7)	6.162	7578440	59.519 ug/ml
4) T n-Dodecane (C12)	6.632	6699472	50.658 ug/ml
5) T A~2-methylnaphthalene...	7.256	7504133	64.773 ug/ml
6) T n-Tetradecane (C14)	8.458	6894734	53.560 ug/ml
7) T n-Hexadecane (C16)	10.062	7008883	54.133 ug/ml
8) T n-Octadecane (C18)	11.505	7165951	54.272 ug/ml
10) T n-Eicosane (C20)	12.815	7057397	56.152 ug/ml
11) T n-Heneicosane (C21)	13.427	6969040	56.819 ug/ml
13) T n-Docosane (C22)	14.012	6765299	56.454 ug/ml
14) T n-Tetracosane (C24)	15.116	6572993	56.242 ug/ml
15) T n-Hexacosane (C26)	16.139	6434846	56.934 ug/ml
16) T n-Octacosane (C28)	17.087	6351937	57.624 ug/ml
17) T n-Tricontane (C30)	17.976	6187029	55.430 ug/ml
18) T n-Dotriacontane (C32)	18.807	5963303	54.331 ug/ml
19) T n-Tetratriacontane (C34)	19.587	5744692	55.966 ug/mlm
20) T n-Hexatriacontane (C36)	20.328	5494974	61.550 ug/mlm
21) T n-Octatriacontane (C38)	21.047	5456117	79.229 ug/ml
22) T n-Tetracontane (C40)	21.917	5326676	119.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3489-06MSD
Misc :
ALS Vial : 79 Sample Multiplier: 1

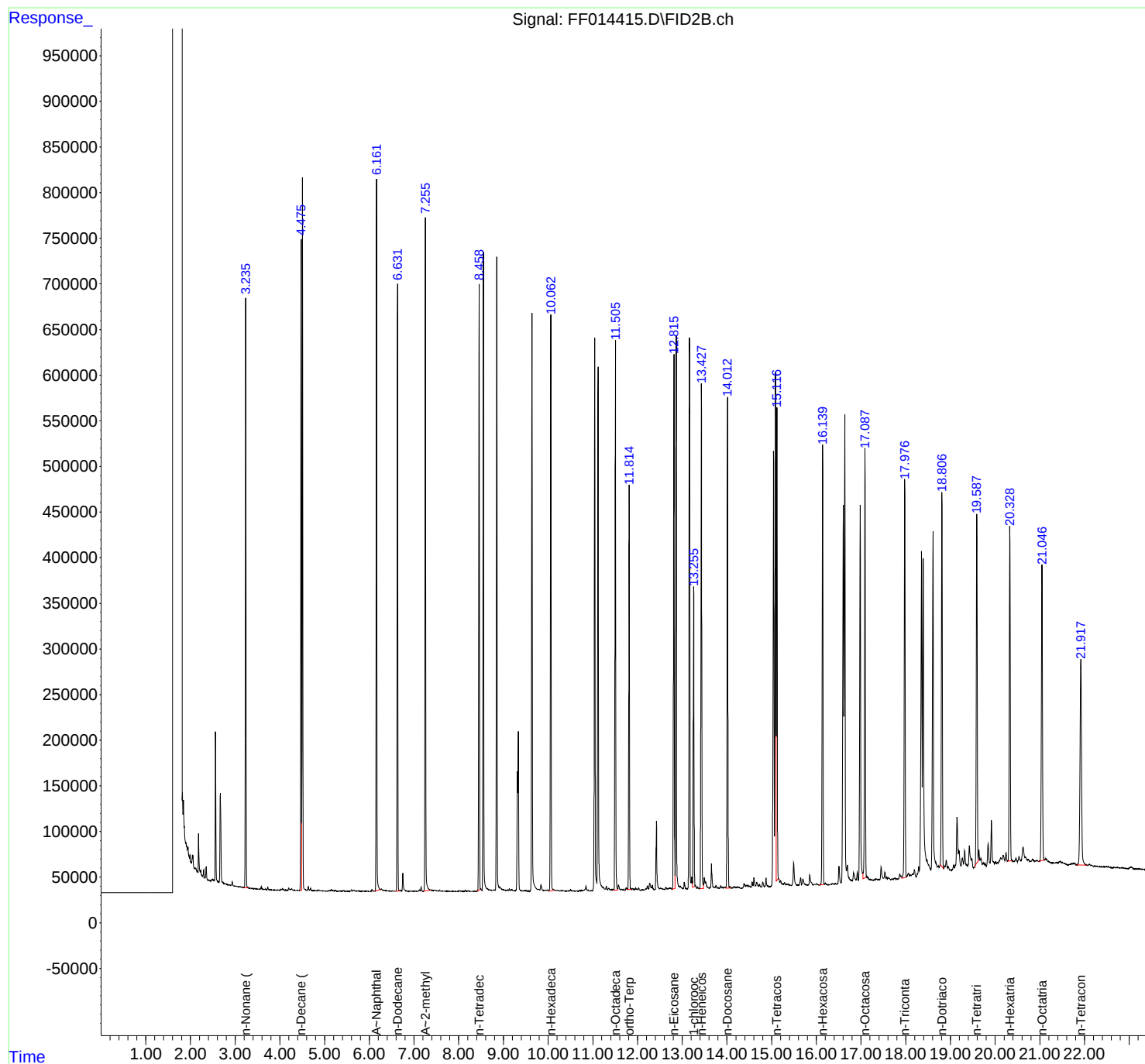
Instrument :
FID_F
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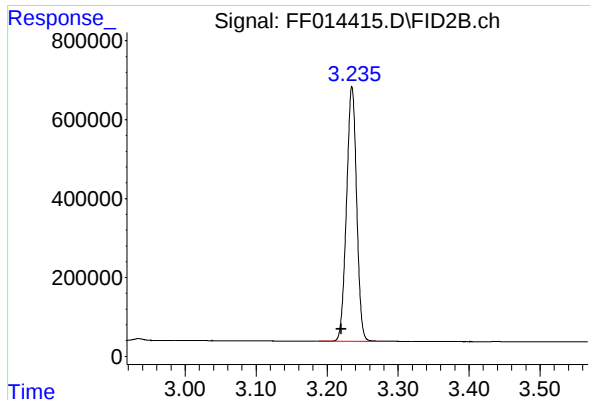
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: 0.015 min
Response: 6402085
Conc: 49.54 ug/ml

Instrument :

FID_F

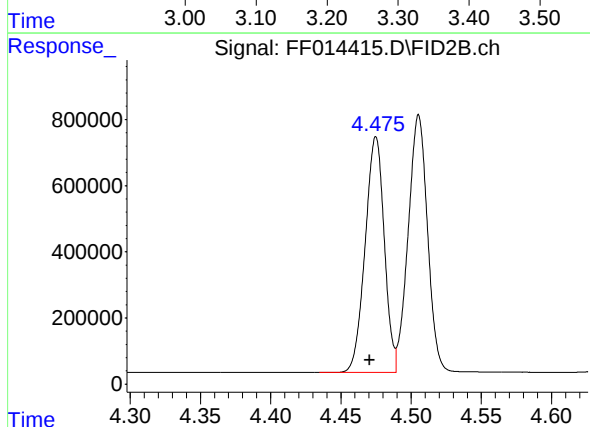
ClientSampleId :

4MSD

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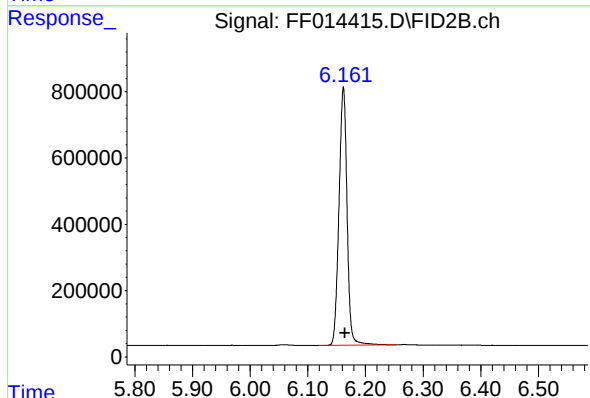
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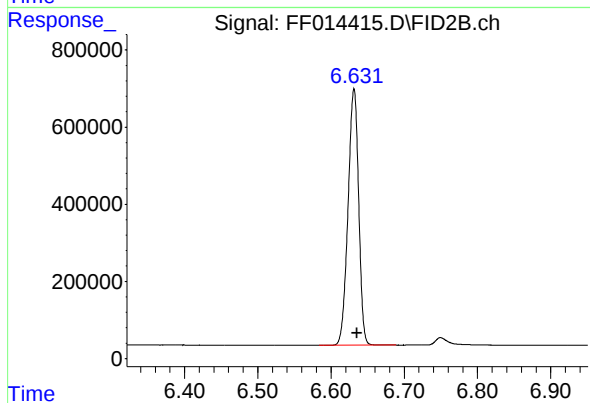
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 6744622
Conc: 51.48 ug/ml



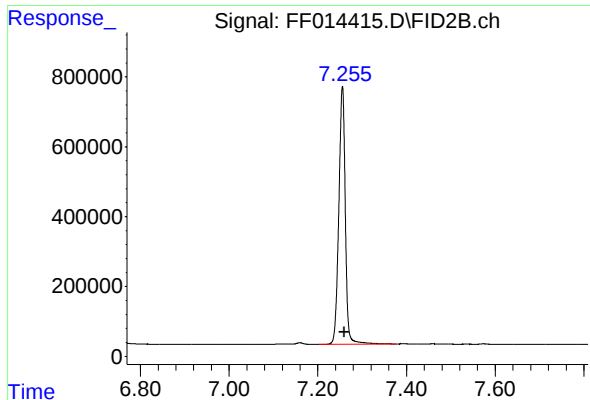
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 7578440
Conc: 59.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 6699472
Conc: 50.66 ug/ml



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

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 7504133
Conc: 64.77 ug/ml

Instrument :

FID_F

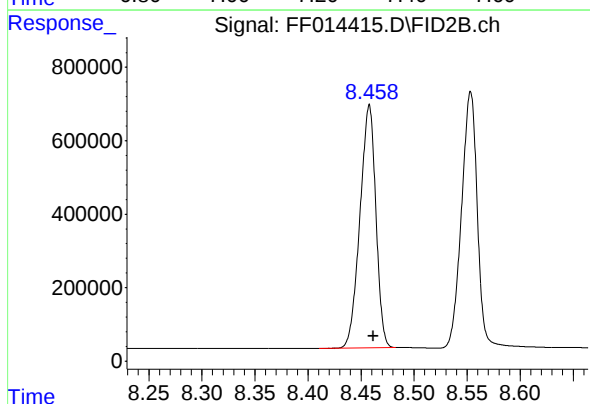
ClientSampleId :

4MSD

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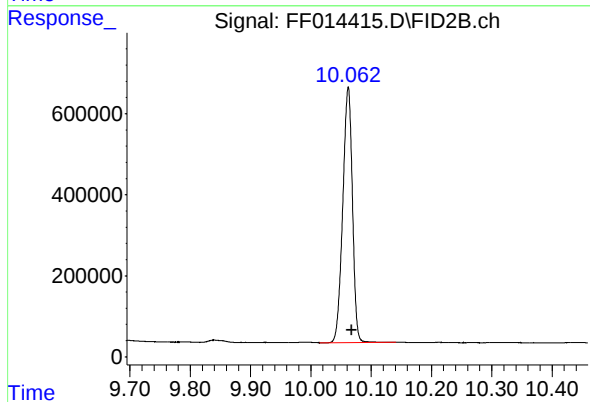
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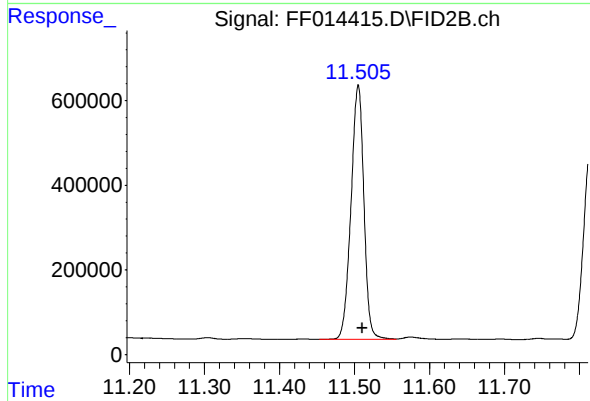
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 6894734
Conc: 53.56 ug/ml



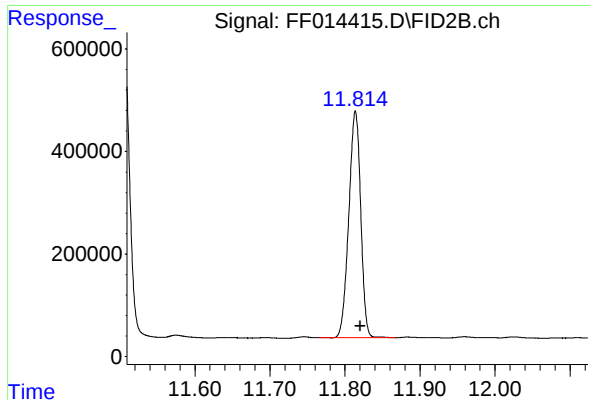
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.006 min
Response: 7008883
Conc: 54.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.005 min
Response: 7165951
Conc: 54.27 ug/ml



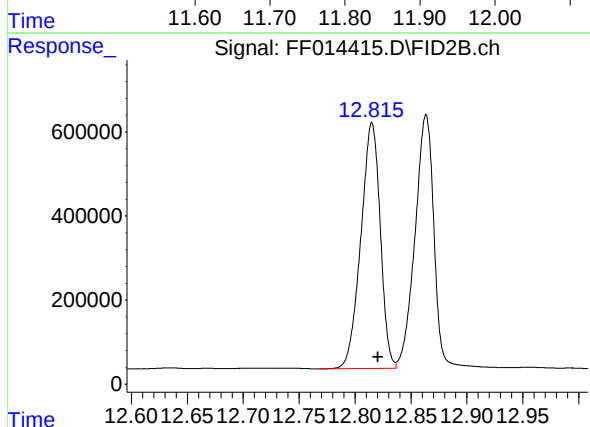
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.007 min
Response: 4874794
Conc: 34.61 ug/ml

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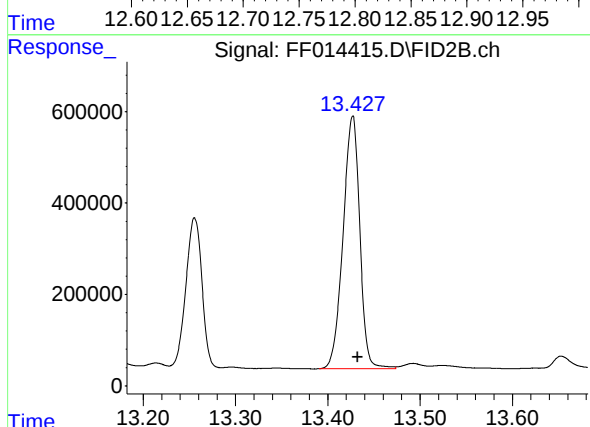
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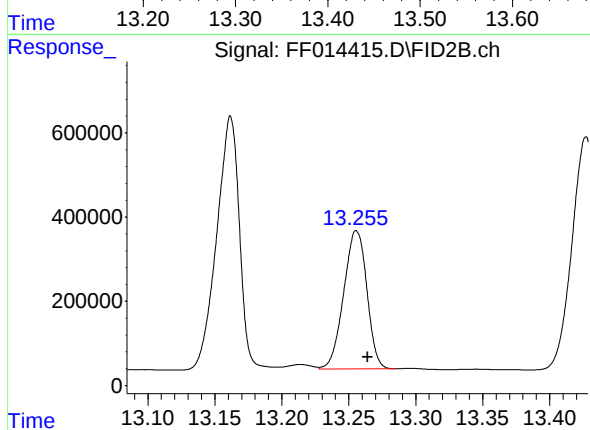
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.005 min
Response: 7057397
Conc: 56.15 ug/ml



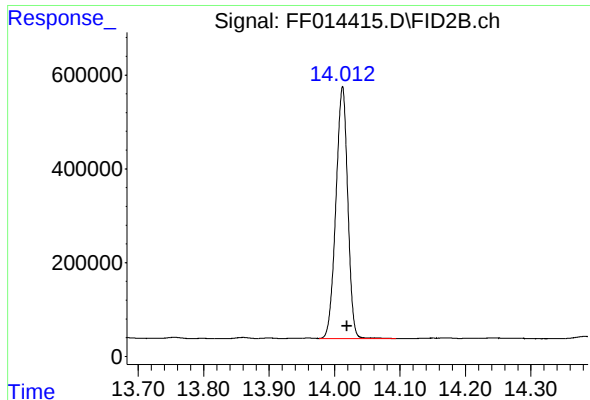
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: -0.005 min
Response: 6969040
Conc: 56.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.256 min
Delta R.T.: -0.008 min
Response: 3965694
Conc: 42.42 ug/ml



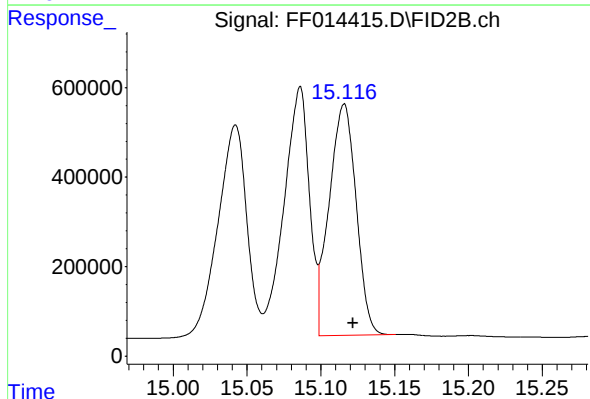
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.007 min
Response: 6765299
Conc: 56.45 ug/ml

Instrument :
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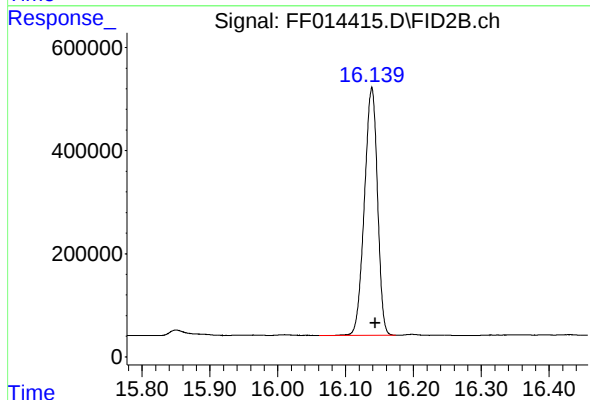
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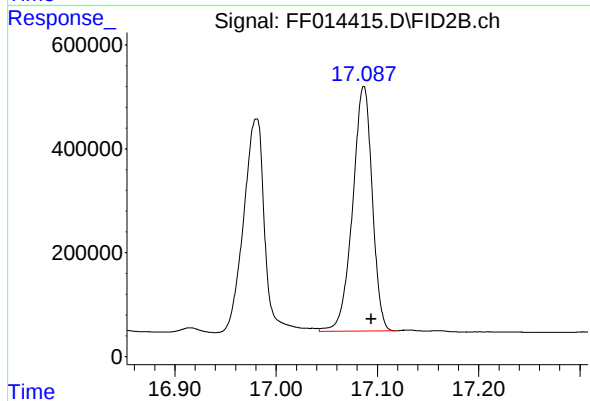
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.006 min
Response: 6572993
Conc: 56.24 ug/ml



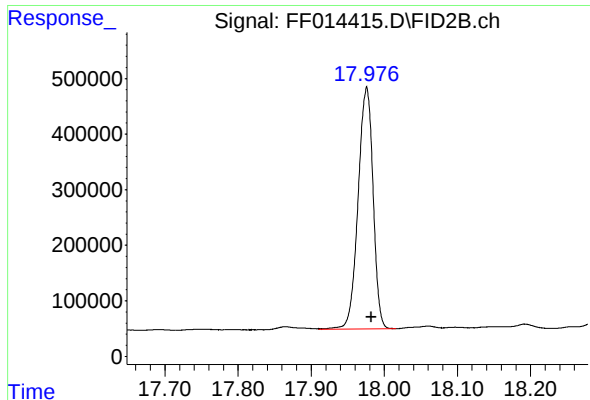
#15 n-Hexacosane (C26)

R.T.: 16.139 min
Delta R.T.: -0.005 min
Response: 6434846
Conc: 56.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 6351937
Conc: 57.62 ug/ml



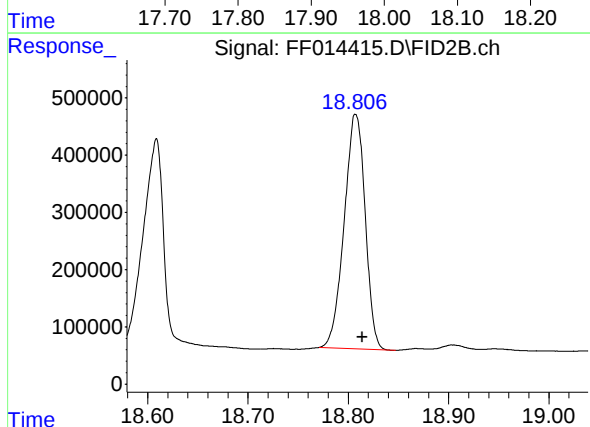
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.006 min
Response: 6187029
Conc: 55.43 ug/ml

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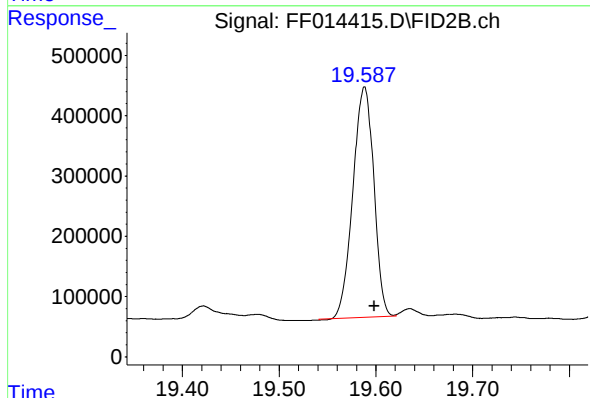
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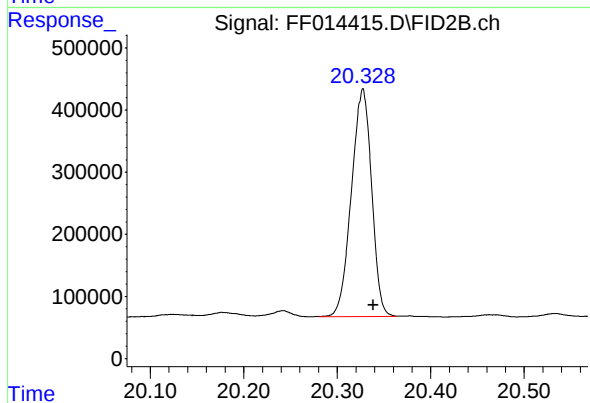
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.006 min
Response: 5963303
Conc: 54.33 ug/ml



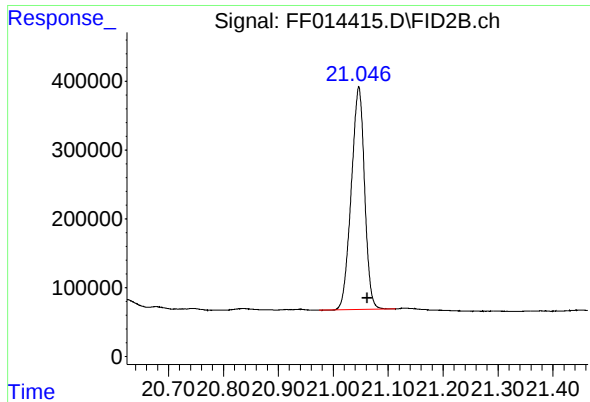
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.011 min
Response: 5744692
Conc: 55.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.011 min
Response: 5494974
Conc: 61.55 ug/ml m



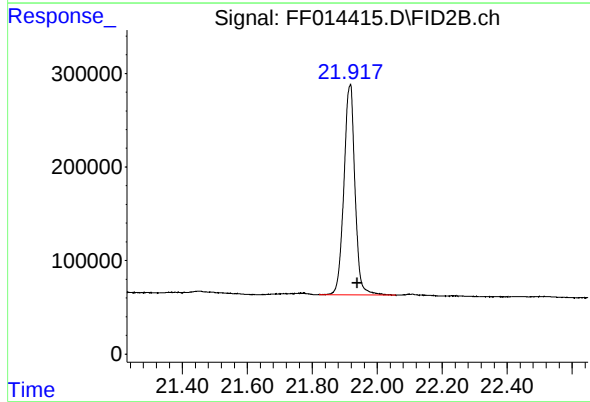
#21 n-Octatriacontane (C38)

R.T.: 21.047 min
Delta R.T.: -0.016 min
Response: 5456117
Conc: 79.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.022 min
Response: 5326676
Conc: 119.06 ug/ml