

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013291.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 17:26
 Operator : YP\AJ
 Sample : 04091-19MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

TP-FMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e

Quant Time: Aug 22 23:42:37 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)	11.889	3883402	28.265 ug/ml
Spiked Amount 50.000		Recovery =	56.53%
12) S 1-chlorooctadecane (S...	13.327	2994914	28.579 ug/ml
Spiked Amount 50.000		Recovery =	57.16%
Target Compounds			
1) T n-Nonane (C9)	3.285	3837595	35.915 ug/ml
2) T n-Decane (C10)	4.538	4363236	40.715 ug/ml
3) T A~Naphthalene (C11.7)	6.234	5053492	42.686 ug/ml
4) T n-Dodecane (C12)	6.700	4697091	43.408 ug/ml
5) T A~2-methylnaphthalene...	7.328	5101559	43.039 ug/ml
6) T n-Tetradecane (C14)	8.527	4838109	44.820 ug/ml
7) T n-Hexadecane (C16)	10.133	5169631	47.690 ug/ml
8) T n-Octadecane (C18)	11.576	5609245	51.226 ug/ml
10) T n-Eicosane (C20)	12.885	5891527	53.690 ug/ml
11) T n-Heneicosane (C21)	13.496	5741825	52.262 ug/ml
13) T n-Docosane (C22)	14.084	5718036	52.083 ug/ml
14) T n-Tetracosane (C24)	15.185	5187777	47.219 ug/ml
15) T n-Hexacosane (C26)	16.208	5520213	50.509 ug/ml
16) T n-Octacosane (C28)	17.156	5453966	50.513 ug/ml
17) T n-Tricontane (C30)	18.044	5305688	48.516 ug/ml
18) T n-Dotriacontane (C32)	18.874	5117330	45.303 ug/ml
19) T n-Tetratriacontane (C34)	19.656	4725485	44.487 ug/ml
20) T n-Hexatriacontane (C36)	20.395	4508312	42.772 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4315061	42.724 ug/ml
22) T n-Tetracontane (C40)	22.018	4474803	45.022 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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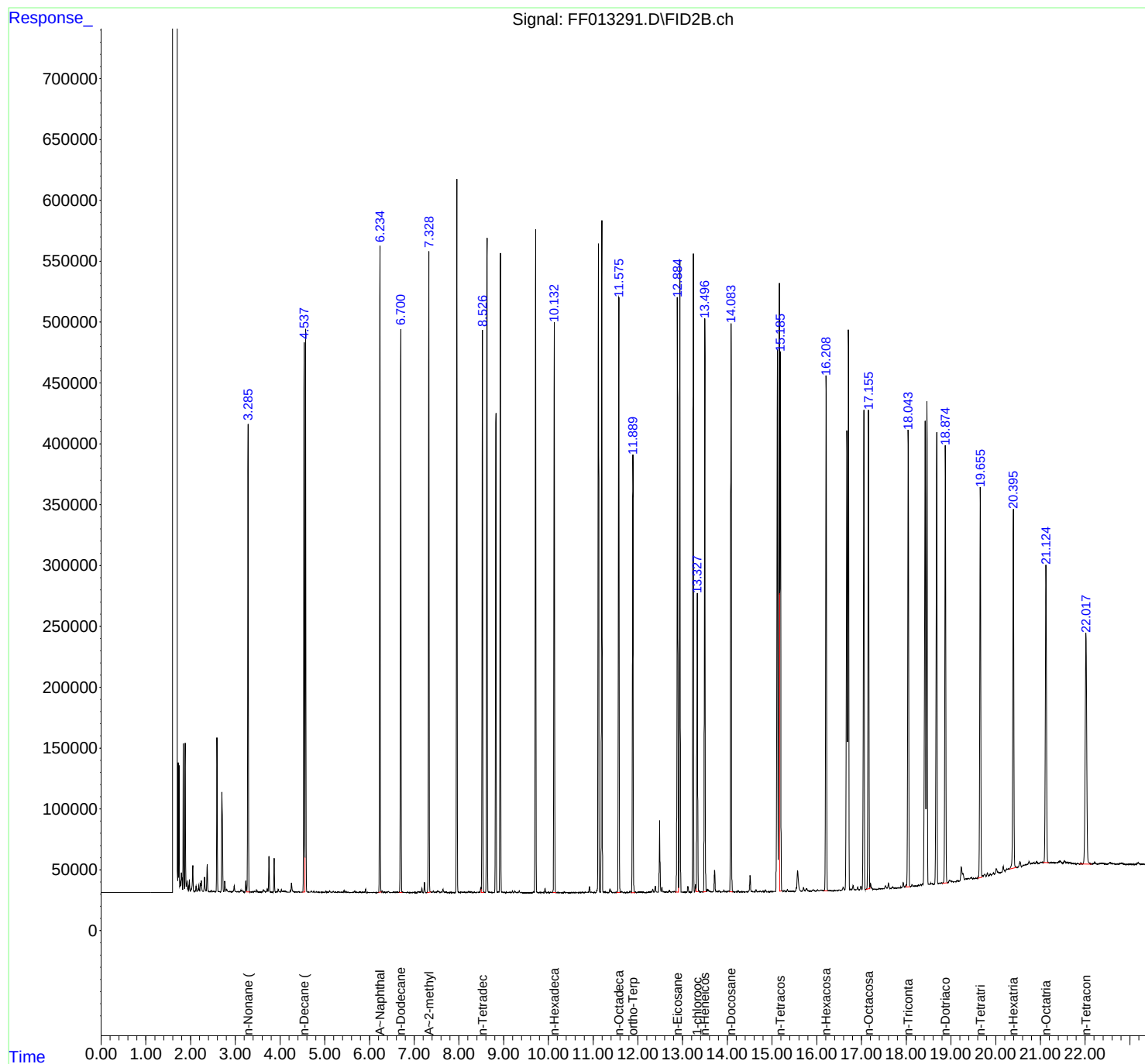
Response via : Initial Calibration

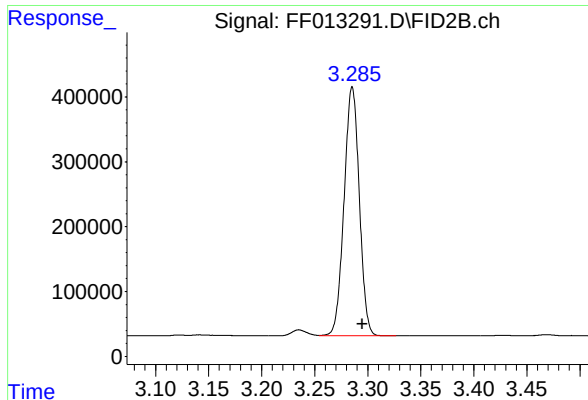
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





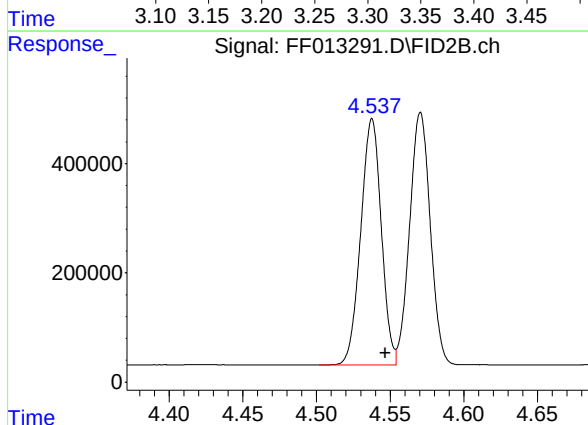
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 3837595
Conc: 35.92 ug/ml

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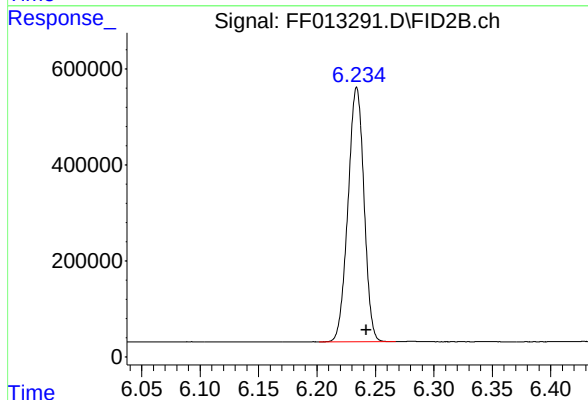
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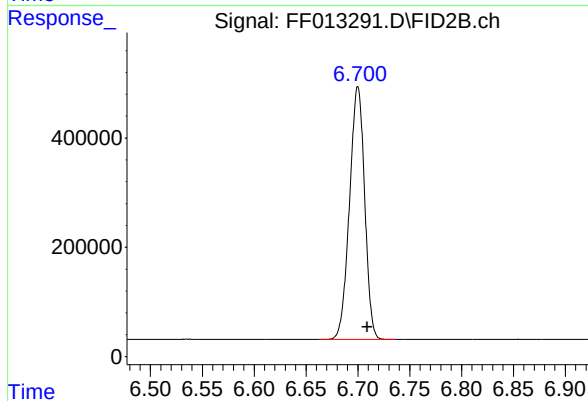
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 4363236
Conc: 40.72 ug/ml



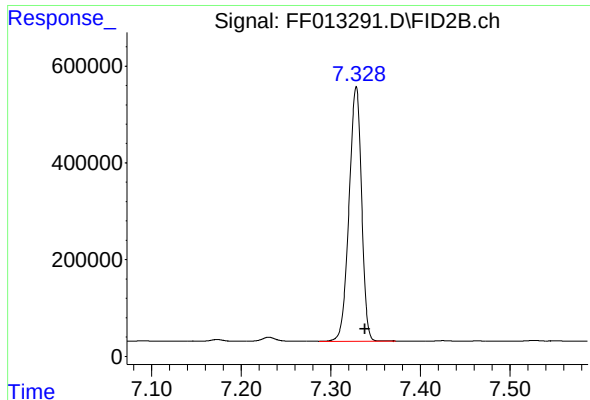
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 5053492
Conc: 42.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.009 min
Response: 4697091
Conc: 43.41 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 5101559
Conc: 43.04 ug/ml

Instrument :

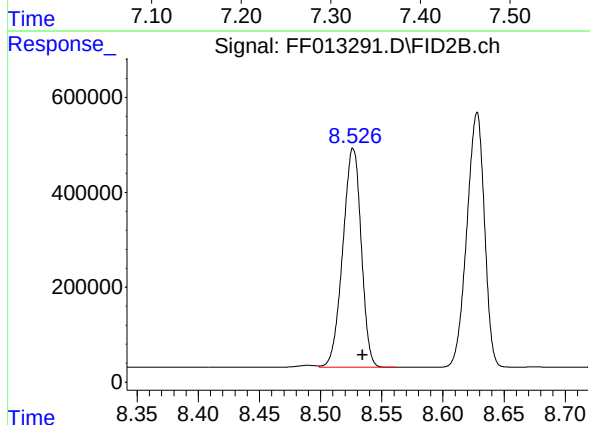
FID_F

ClientSampleId :

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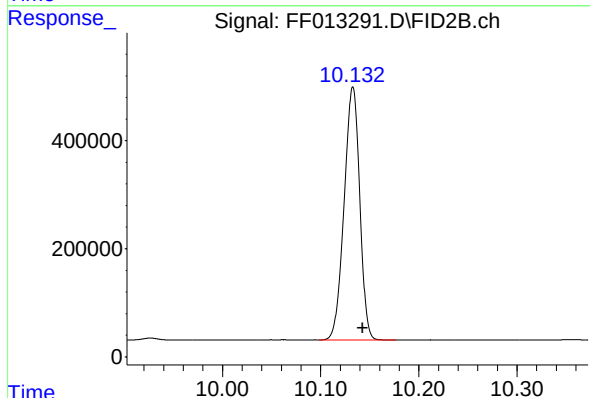
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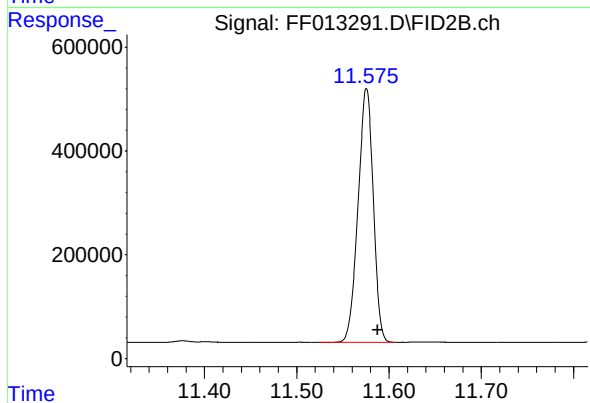
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.008 min
Response: 4838109
Conc: 44.82 ug/ml



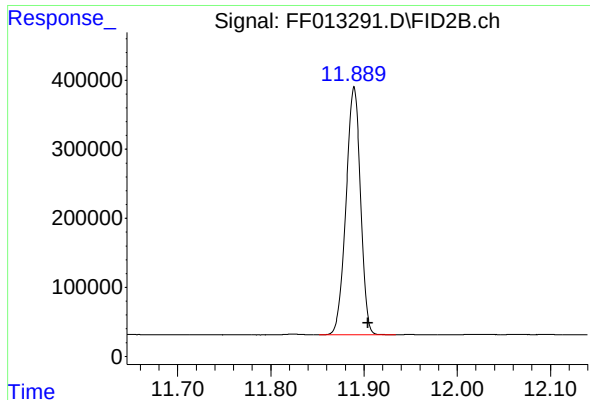
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.010 min
Response: 5169631
Conc: 47.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.012 min
Response: 5609245
Conc: 51.23 ug/ml



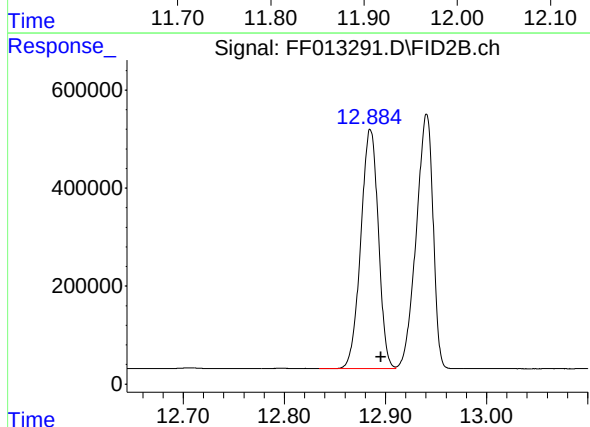
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.015 min
Response: 3883402
Conc: 28.26 ug/ml

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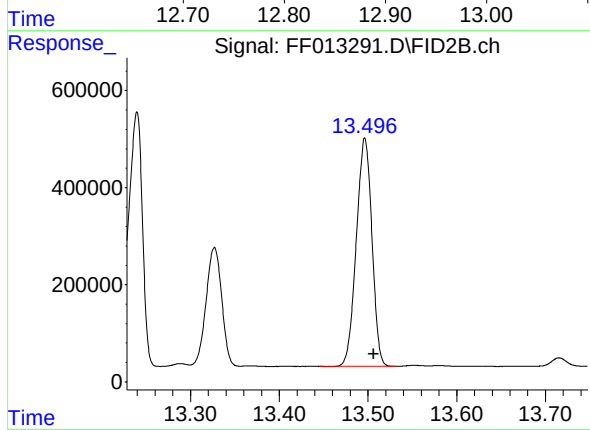
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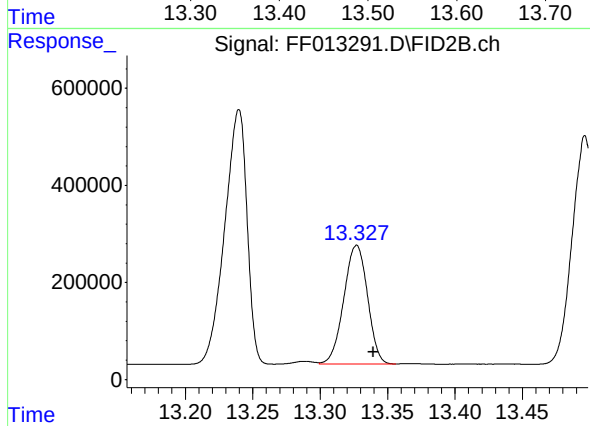
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 5891527
Conc: 53.69 ug/ml



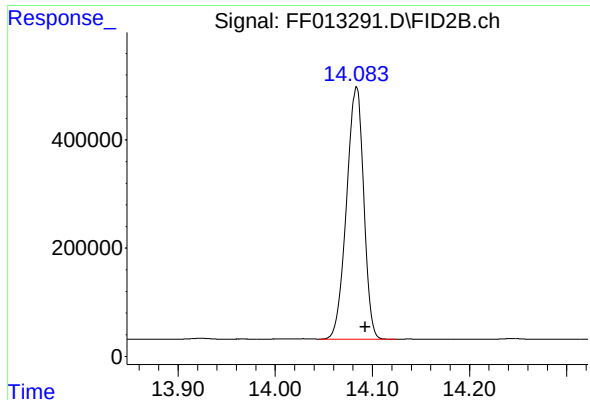
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.010 min
Response: 5741825
Conc: 52.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.012 min
Response: 2994914
Conc: 28.58 ug/ml



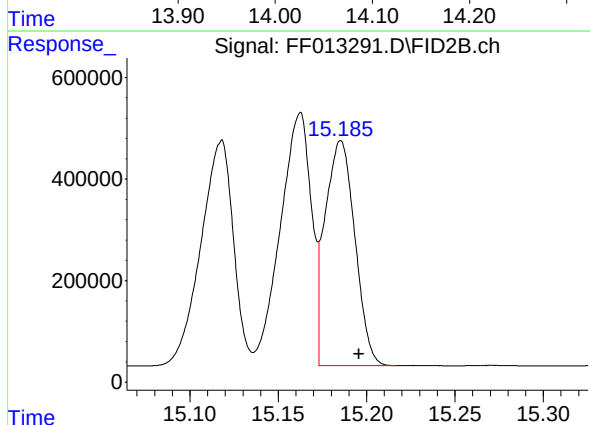
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 5718036
Conc: 52.08 ug/ml

Instrument :
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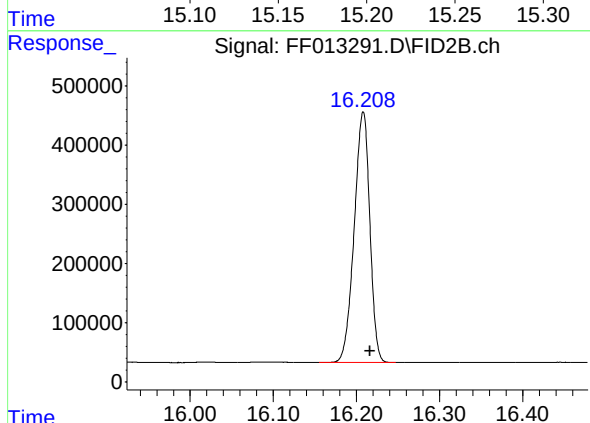
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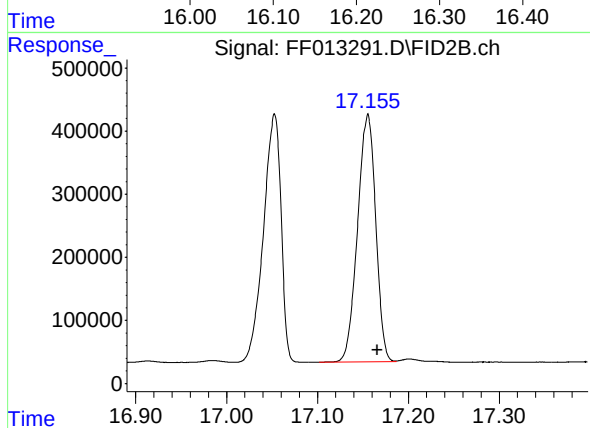
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.010 min
Response: 5187777
Conc: 47.22 ug/ml



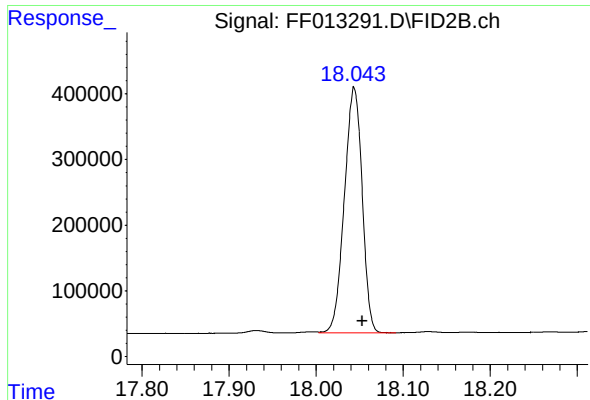
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 5520213
Conc: 50.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 5453966
Conc: 50.51 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 5305688
Conc: 48.52 ug/ml

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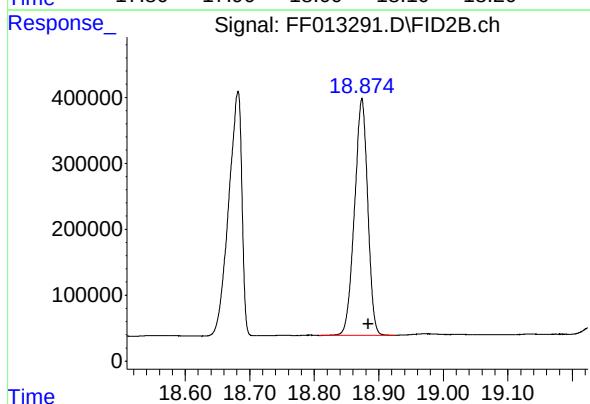
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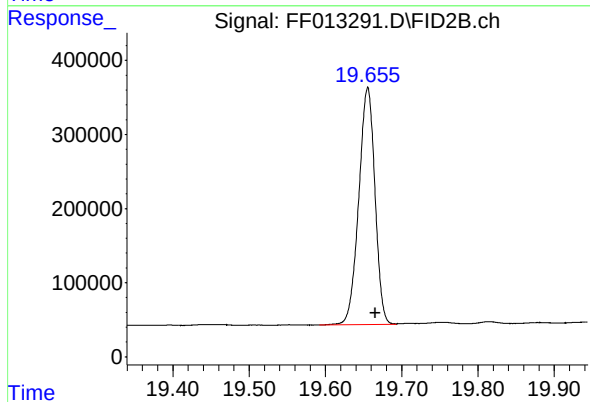
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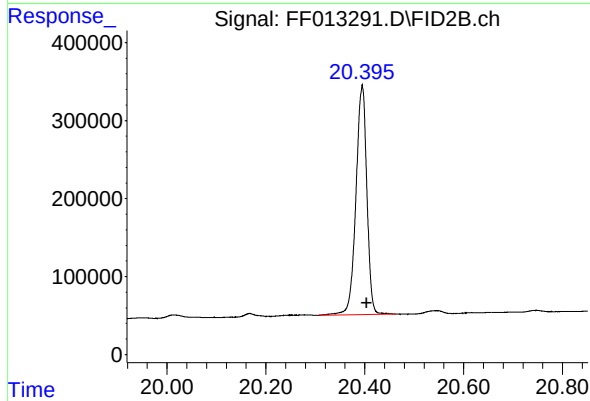
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 5117330
Conc: 45.30 ug/ml



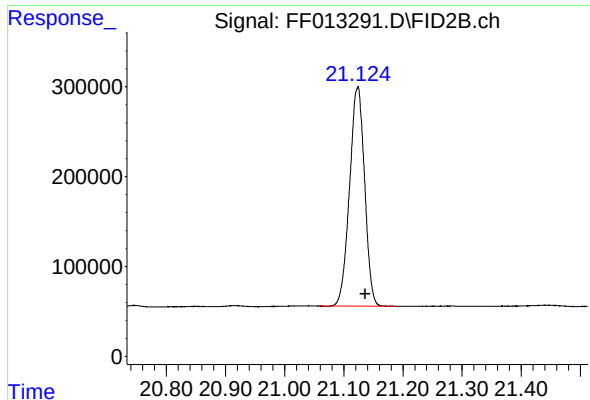
#19 n-Tetatriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.010 min
Response: 4725485
Conc: 44.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 4508312
Conc: 42.77 ug/ml m



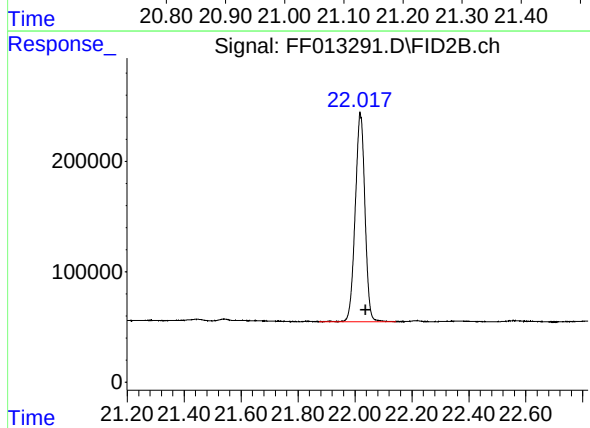
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4315061
Conc: 42.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.020 min
Response: 4474803
Conc: 45.02 ug/ml