

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011824AL\
 Data File : FE046291.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2024 19:10
 Operator : YP\AJ
 Sample : P1161-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-02-011724MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/19/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 00:12:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.828	6543784	36.009 ug/ml
Spiked Amount 50.000		Recovery =	72.02%
12) S 1-chlorooctadecane (S...	13.269	9761332	73.058 ug/ml
Spiked Amount 50.000		Recovery =	146.12%
Target Compounds			
1) T n-Nonane (C9)	3.215	4102116	26.803 ug/ml
2) T n-Decane (C10)	4.466	4661770	30.038 ug/ml
3) T A~Naphthalene (C11.7)	6.167	5776891	34.736 ug/ml
4) T n-Dodecane (C12)	6.632	5417560	34.698 ug/ml
5) T A~2-methylnaphthalene...	7.264	6073301	38.146 ug/ml
6) T n-Tetradecane (C14)	8.460	6289180	40.374 ug/ml
7) T n-Hexadecane (C16)	10.068	6834528	43.159 ug/ml
8) T n-Octadecane (C18)	11.514	7076397	44.960 ug/ml
10) T n-Eicosane (C20)	12.826	7246137	47.899 ug/ml
11) T n-Heneicosane (C21)	13.438	6784251	46.135 ug/ml
13) T n-Docosane (C22)	14.025	6994310	47.850 ug/ml
14) T n-Tetracosane (C24)	15.129	14453577	99.657 ug/ml
15) T n-Hexacosane (C26)	16.156	6545992	45.659 ug/ml
16) T n-Octacosane (C28)	17.108	8011810	55.863 ug/mlm
17) T n-Tricontane (C30)	18.000	6462717	43.480 ug/ml
18) T n-Dotriacontane (C32)	18.835	6708556	44.855 ug/mlm
19) T n-Tetratriacontane (C34)	19.622	6238345	43.547 ug/ml
20) T n-Hexatriacontane (C36)	20.366	6219661	42.659 ug/ml
21) T n-Octatriacontane (C38)	21.097	6564453	44.517 ug/ml
22) T n-Tetracontane (C40)	22.003	7365236	47.054 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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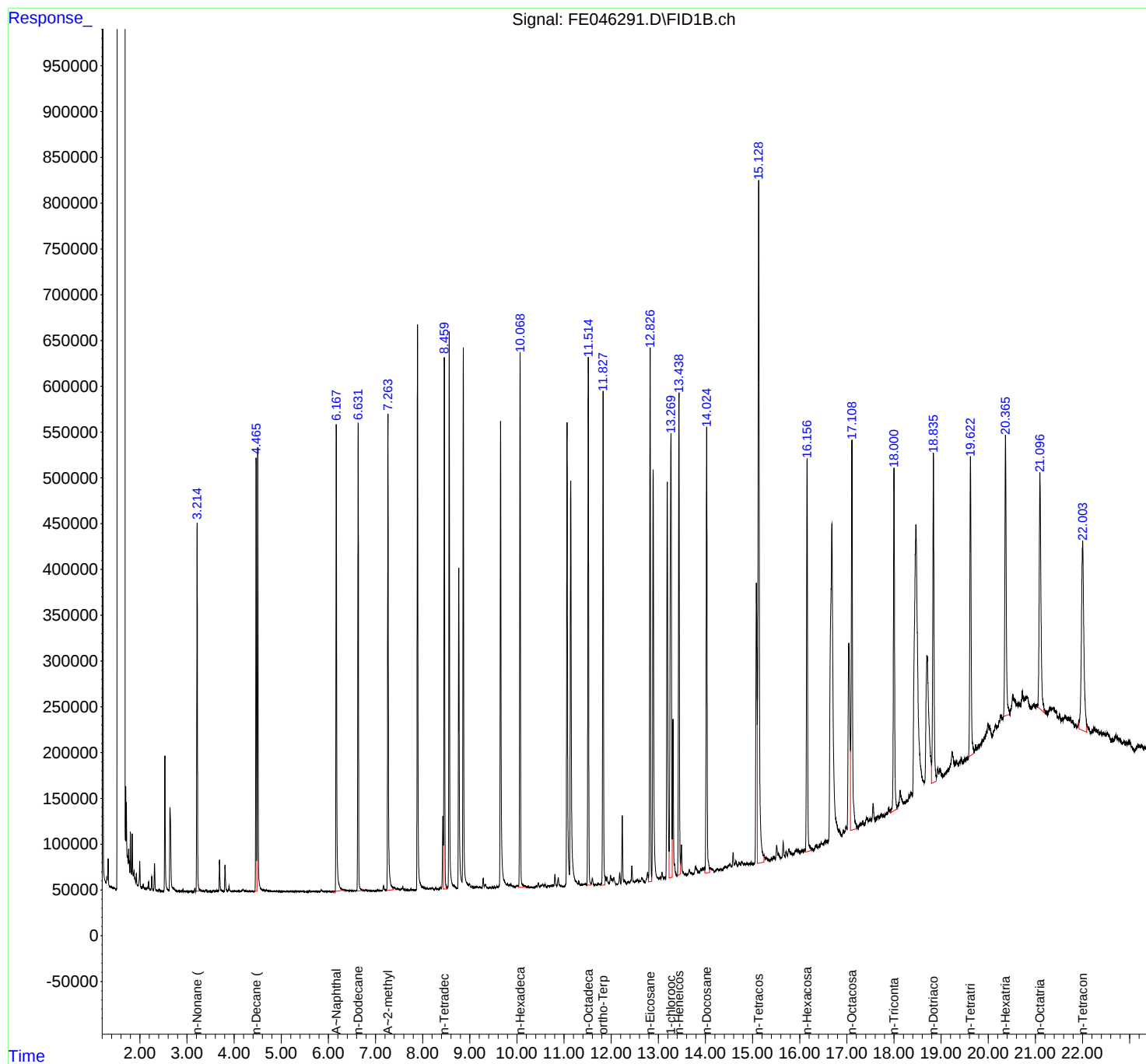
Instrument :
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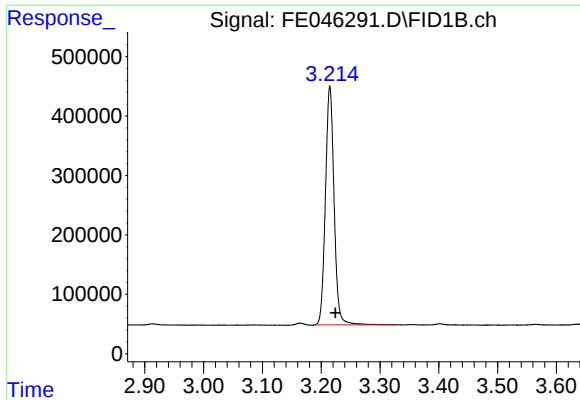
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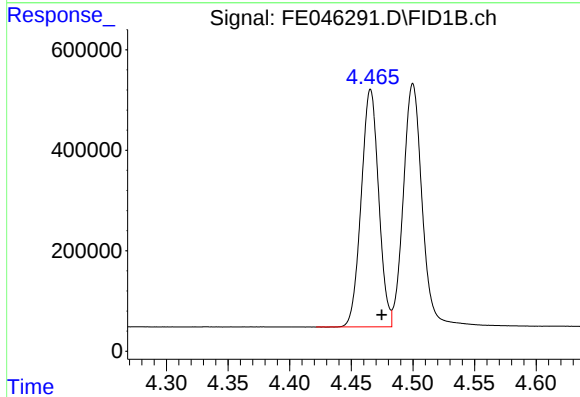
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 4102116
Conc: 26.80 ug/ml

Instrument :
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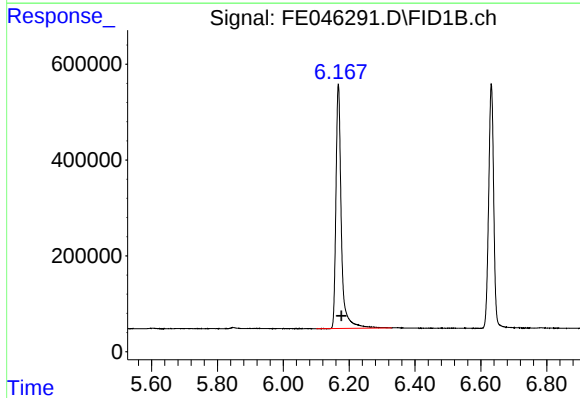
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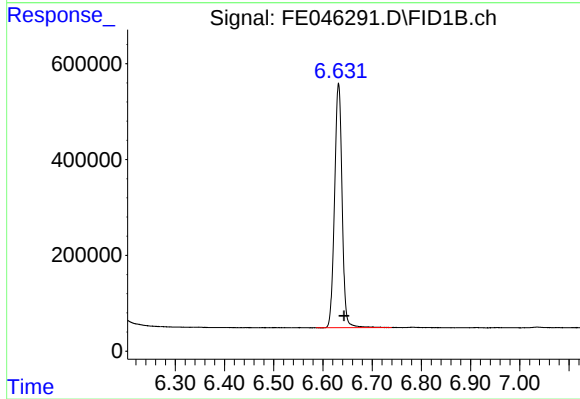
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.009 min
Response: 4661770
Conc: 30.04 ug/ml



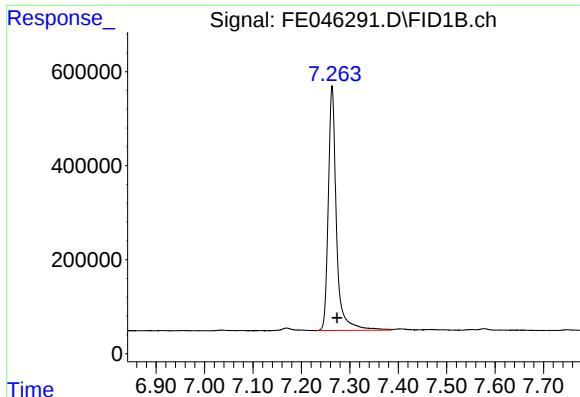
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 5776891
Conc: 34.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 5417560
Conc: 34.70 ug/ml



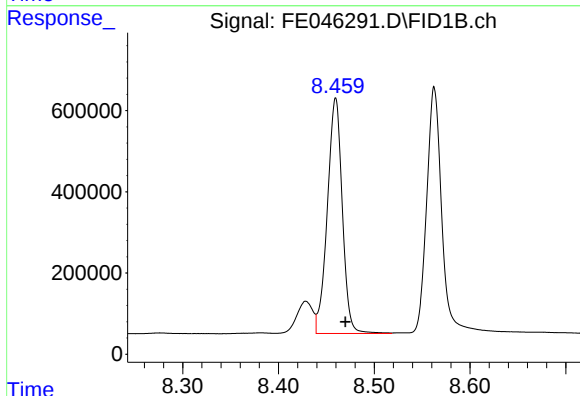
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 6073301
Conc: 38.15 ug/ml

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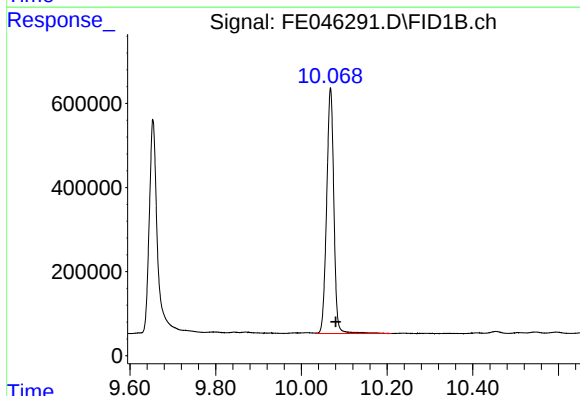
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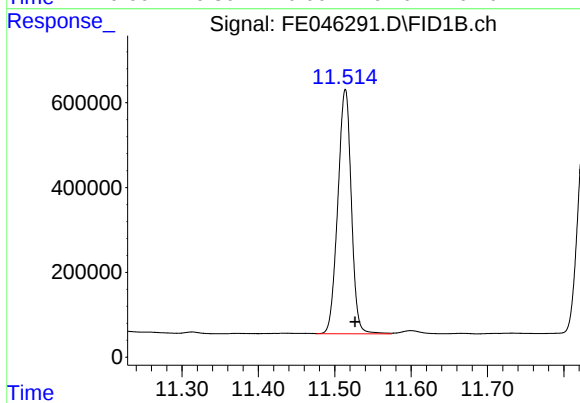
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 6289180
Conc: 40.37 ug/ml



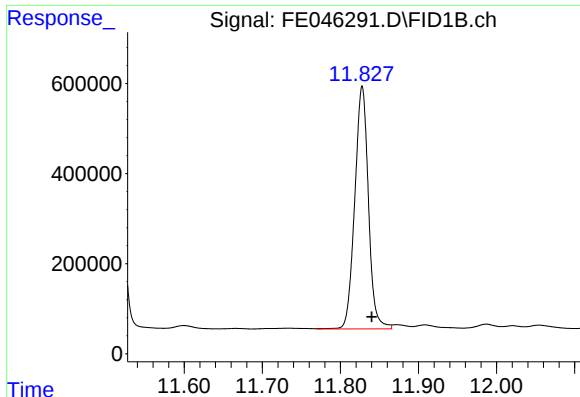
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 6834528
Conc: 43.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7076397
Conc: 44.96 ug/ml



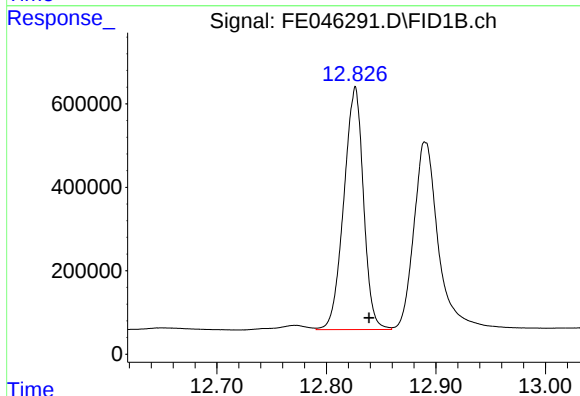
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 6543784
Conc: 36.01 ug/ml

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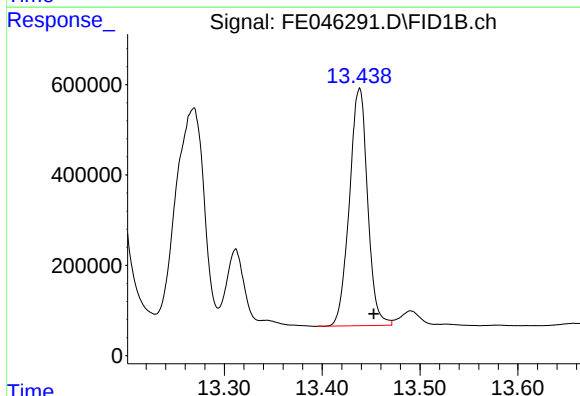
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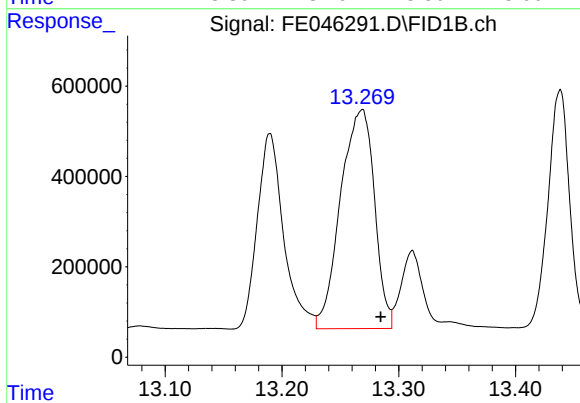
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.012 min
Response: 7246137
Conc: 47.90 ug/ml



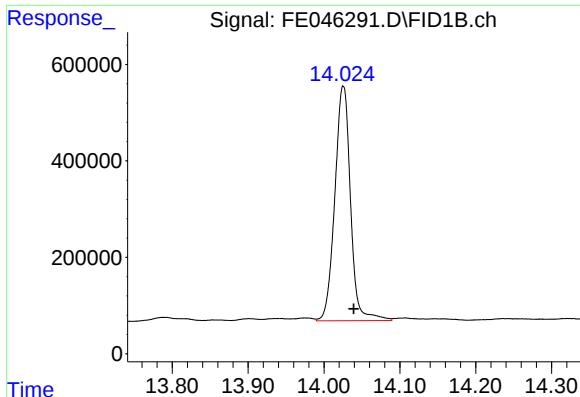
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.014 min
Response: 6784251
Conc: 46.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.016 min
Response: 9761332
Conc: 73.06 ug/ml



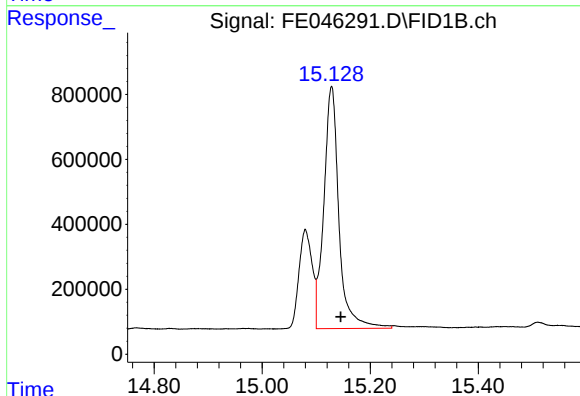
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.014 min
Response: 6994310
Conc: 47.85 ug/ml

Instrument :
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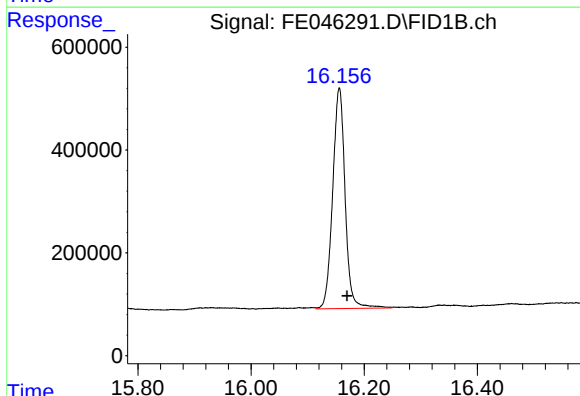
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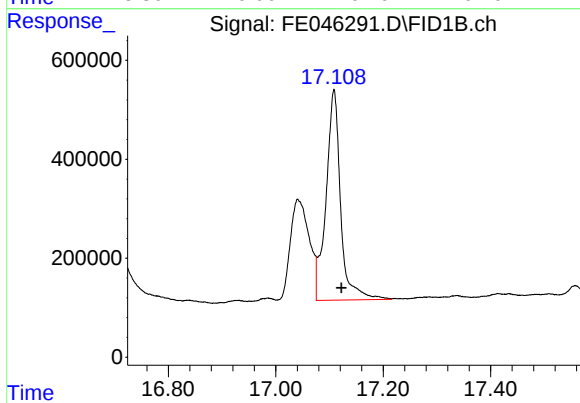
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.017 min
Response: 14453577
Conc: 99.66 ug/ml



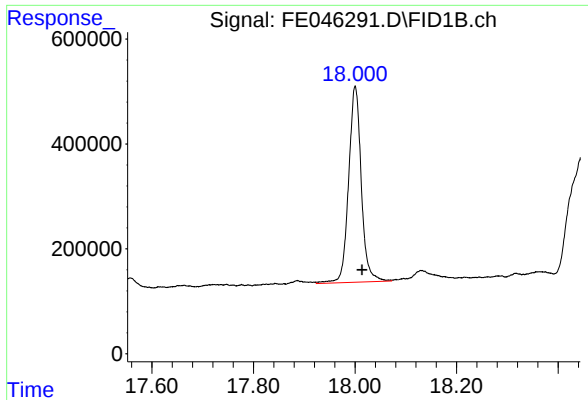
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 6545992
Conc: 45.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.014 min
Response: 8011810
Conc: 55.86 ug/ml m



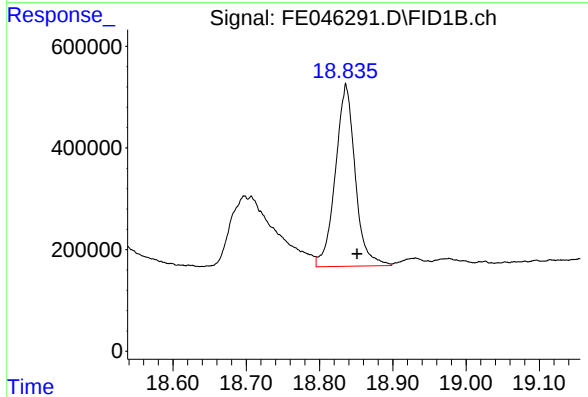
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.014 min
Response: 6462717
Conc: 43.48 ug/ml

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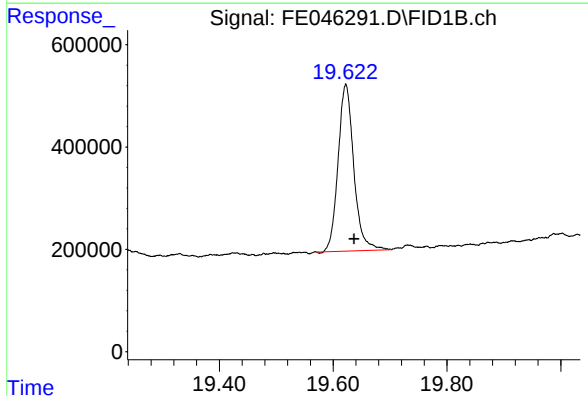
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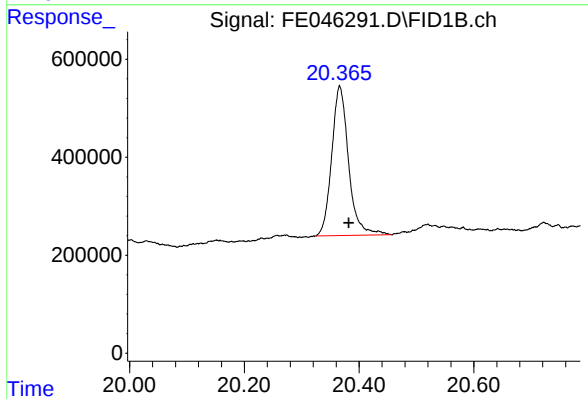
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.016 min
Response: 6708556
Conc: 44.85 ug/ml m



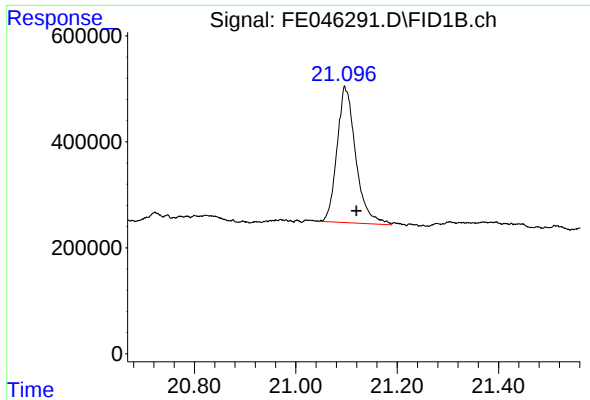
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.014 min
Response: 6238345
Conc: 43.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 6219661
Conc: 42.66 ug/ml



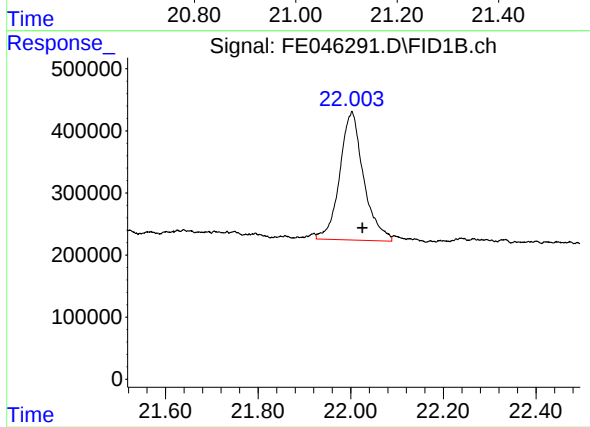
#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.023 min
Response: 6564453
Conc: 44.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.022 min
Response: 7365236
Conc: 47.05 ug/ml