

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071123AL\
 Data File : FE043163.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 00:02
 Operator : YP\AJ
 Sample : 03570-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-03-071023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: sample.E
 Quant Time: Jul 12 03:14:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.907	5256145	28.612 ug/ml
Spiked Amount 50.000		Recovery =	57.22%
12) S 1-chlorooctadecane (S...	13.343	5114500	37.581 ug/ml
Spiked Amount 50.000		Recovery =	75.16%
Target Compounds			
1) T n-Nonane (C9)	3.284	4262178	27.592 ug/ml
2) T n-Decane (C10)	4.537	4896892	31.001 ug/mlm
3) T A~Naphthalene (C11.7)	6.245	5976587	35.297 ug/ml
4) T n-Dodecane (C12)	6.706	5933435	37.069 ug/ml
5) T A~2-methylnaphthalene...	7.343	6370558	39.291 ug/ml
6) T n-Tetradecane (C14)	8.537	6619928	41.595 ug/ml
7) T n-Hexadecane (C16)	10.144	7297046	44.305 ug/ml
8) T n-Octadecane (C18)	11.588	7618913	45.837 ug/ml
10) T n-Eicosane (C20)	12.899	7650749	48.214 ug/ml
11) T n-Heneicosane (C21)	13.511	7294020	47.145 ug/ml
13) T n-Docosane (C22)	14.097	6904605	45.327 ug/mlm
14) T n-Tetracosane (C24)	15.197	14081337	94.905 ug/ml
15) T n-Hexacosane (C26)	16.224	6329146	44.272 ug/ml
16) T n-Octacosane (C28)	17.174	6731348	48.533 ug/ml
17) T n-Tricontane (C30)	18.064	6390521	45.185 ug/ml
18) T n-Dotriacontane (C32)	18.897	6975299	49.731 ug/ml
19) T n-Tetratriacontane (C34)	19.681	6592973	48.178 ug/mlm
20) T n-Hexatriacontane (C36)	20.423	5741561	42.932 ug/mlm
21) T n-Octatriacontane (C38)	21.164	5884514	43.160 ug/ml
22) T n-Tetracontane (C40)	22.083	6970927	50.104 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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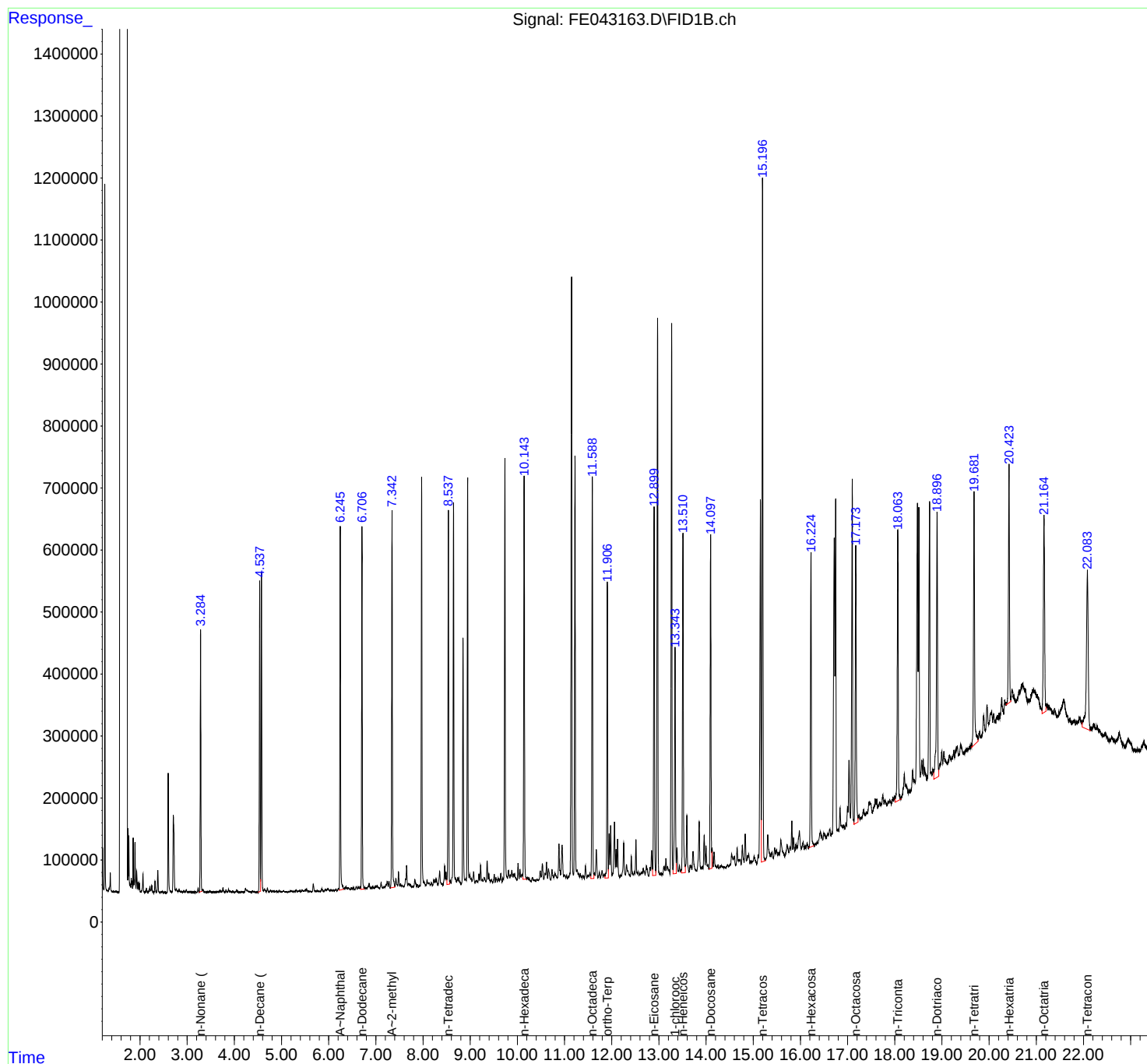
Instrument :
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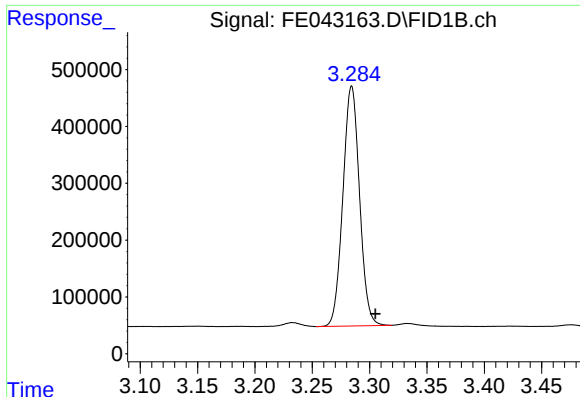
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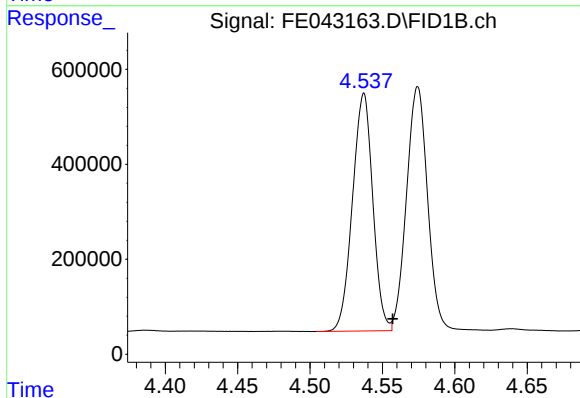
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.021 min
Response: 4262178
Conc: 27.59 ug/ml

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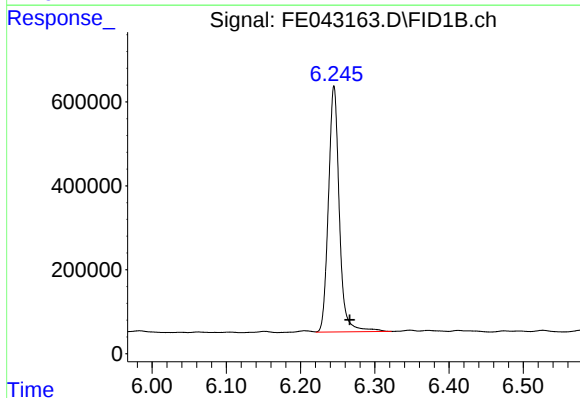
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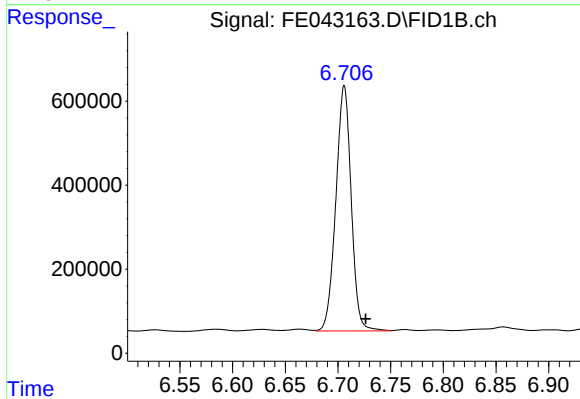
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.020 min
Response: 4896892
Conc: 31.00 ug/ml m



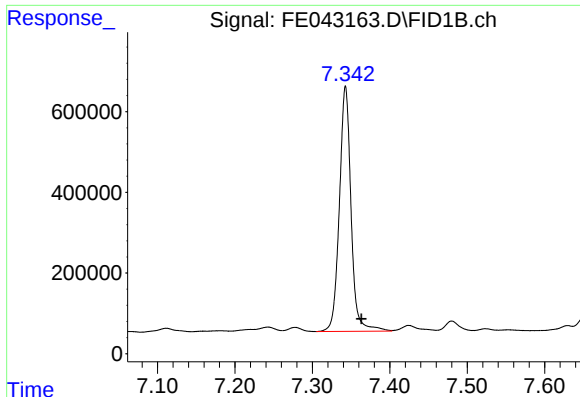
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.021 min
Response: 5976587
Conc: 35.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.020 min
Response: 5933435
Conc: 37.07 ug/ml



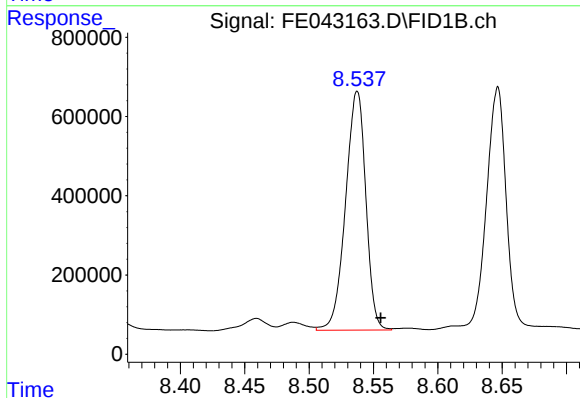
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.021 min
Response: 6370558
Conc: 39.29 ug/ml

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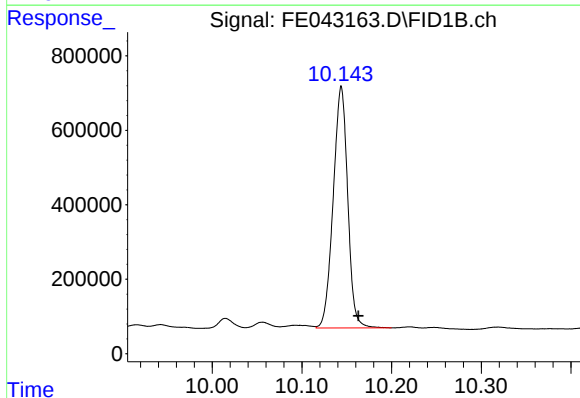
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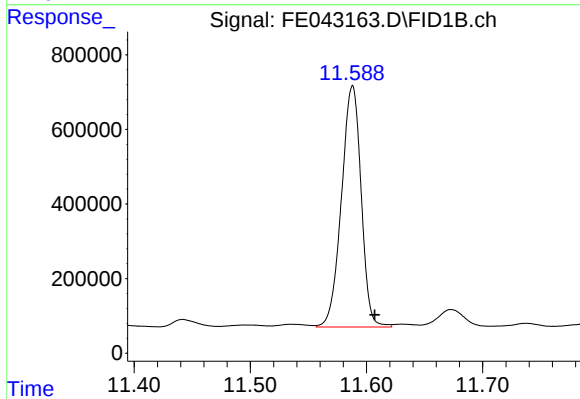
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.018 min
Response: 6619928
Conc: 41.60 ug/ml



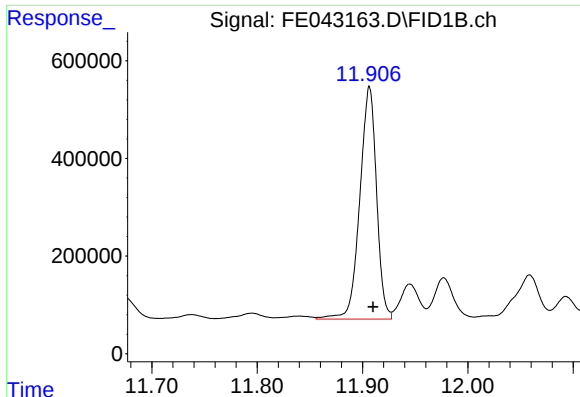
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 7297046
Conc: 44.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 7618913
Conc: 45.84 ug/ml



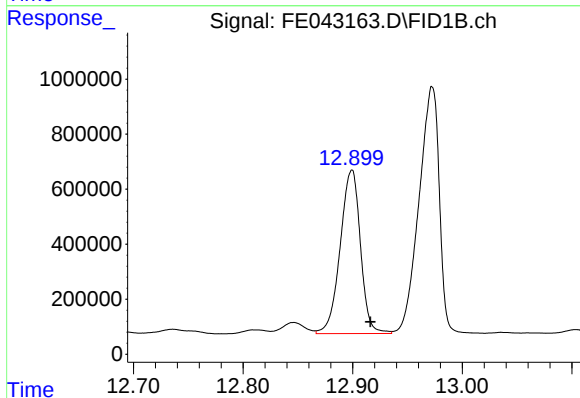
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 5256145
Conc: 28.61 ug/ml

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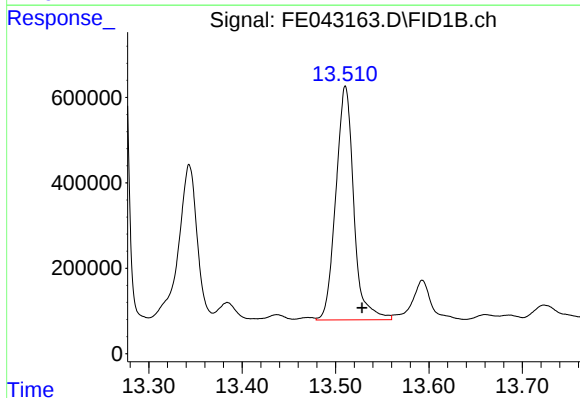
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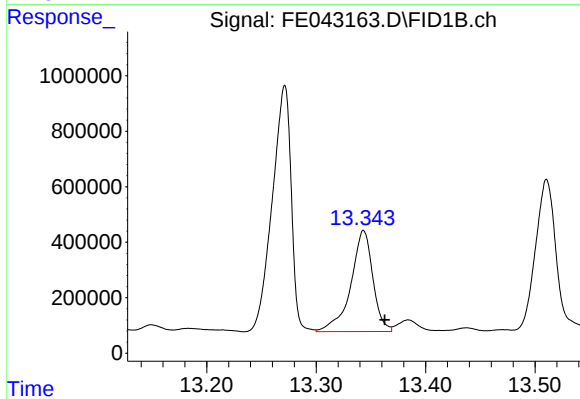
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.017 min
Response: 7650749
Conc: 48.21 ug/ml



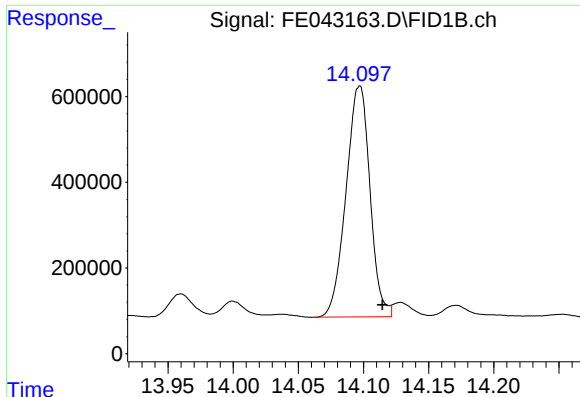
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.018 min
Response: 7294020
Conc: 47.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.019 min
Response: 5114500
Conc: 37.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.018 min
Response: 6904605
Conc: 45.33 ug/ml

Instrument :

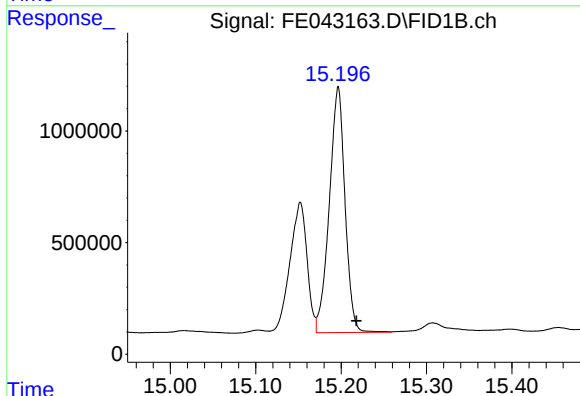
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ClientSampleId :

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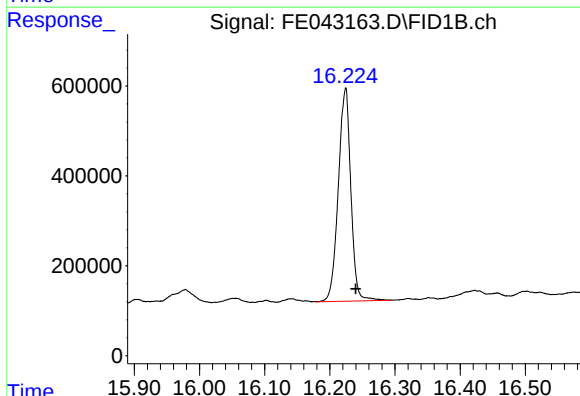
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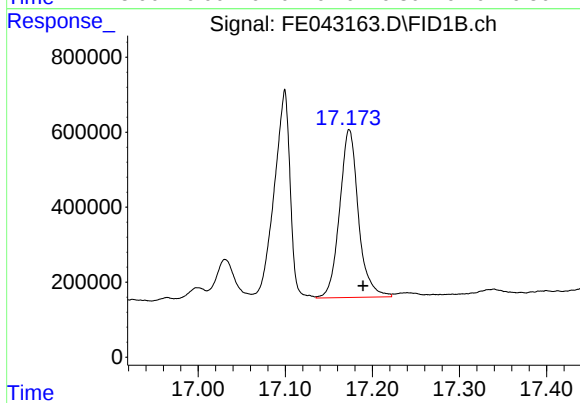
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.021 min
Response: 14081337
Conc: 94.90 ug/ml



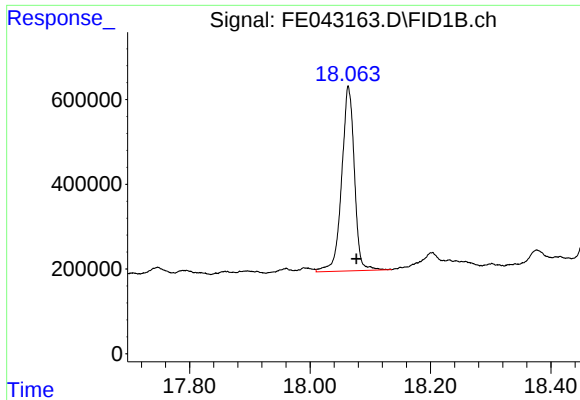
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.015 min
Response: 6329146
Conc: 44.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.016 min
Response: 6731348
Conc: 48.53 ug/ml



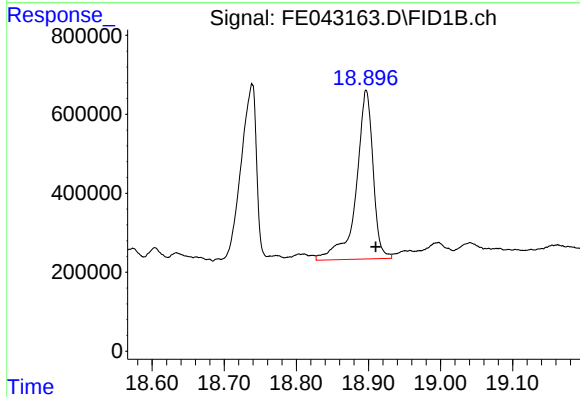
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.014 min
Response: 6390521
Conc: 45.19 ug/ml

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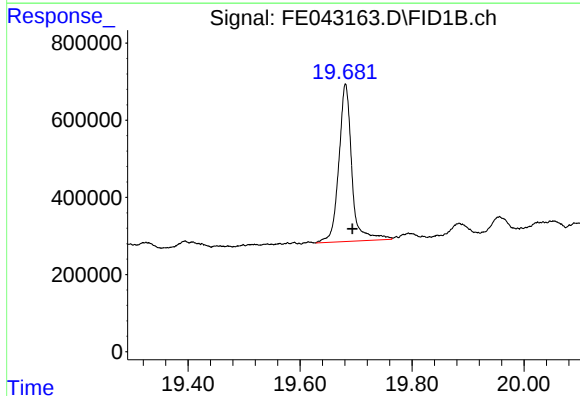
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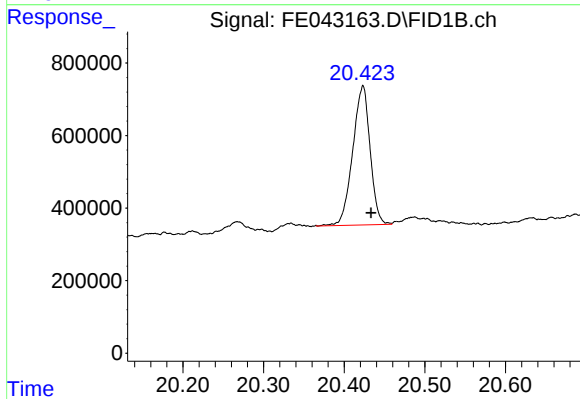
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.013 min
Response: 6975299
Conc: 49.73 ug/ml



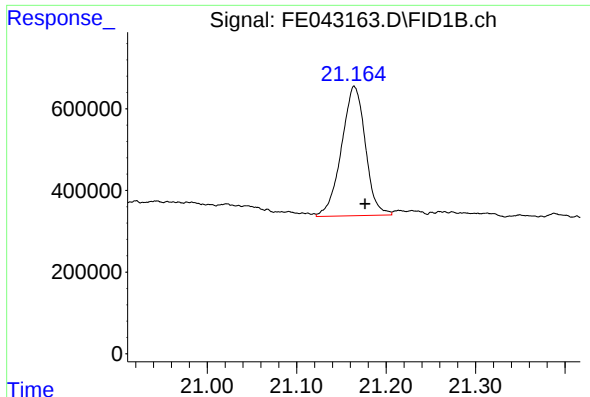
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.013 min
Response: 6592973
Conc: 48.18 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.010 min
Response: 5741561
Conc: 42.93 ug/ml m



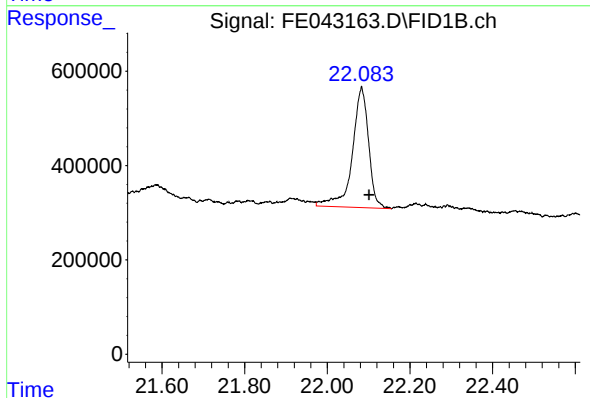
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.012 min
Response: 5884514
Conc: 43.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: -0.018 min
Response: 6970927
Conc: 50.10 ug/ml