

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
 Data File : FE043824.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2023 14:45
 Operator : YP\AJ
 Sample : PB154718BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154718BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :Ankita Jodhani 08/10/2023

Integration File: autoint1.e
 Quant Time: Aug 10 01:19:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.948	8499007	41.243 ug/ml
Spiked Amount 50.000		Recovery =	82.49%
12) S 1-chlorooctadecane (S...	13.386	6602015	42.308 ug/ml
Spiked Amount 50.000		Recovery =	84.62%
Target Compounds			
1) T n-Nonane (C9)	3.344	8441560	52.274 ug/ml
2) T n-Decane (C10)	4.590	8994381	54.573 ug/ml
3) T A~Naphthalene (C11.7)	6.286	10181993	55.923 ug/ml
4) T n-Dodecane (C12)	6.748	9461545	56.533 ug/ml
5) T A~2-methylnaphthalene...	7.382	10072184	56.576 ug/ml
6) T n-Tetradecane (C14)	8.578	9502460	56.400 ug/ml
7) T n-Hexadecane (C16)	10.186	9642288	54.661 ug/ml
8) T n-Octadecane (C18)	11.631	9747748	53.811 ug/ml
10) T n-Eicosane (C20)	12.942	9790715	55.325 ug/ml
11) T n-Heneicosane (C21)	13.554	9440947	53.320 ug/ml
13) T n-Docosane (C22)	14.141	9326427	53.172 ug/ml
14) T n-Tetracosane (C24)	15.231	17555675	99.918 ug/mlm
15) T n-Hexacosane (C26)	16.271	8729493	50.508 ug/ml
16) T n-Octacosane (C28)	17.219	8500036	50.801 ug/ml
17) T n-Tricontane (C30)	18.111	8158737	49.259 ug/ml
18) T n-Dotriacontane (C32)	18.943	7765667	49.183 ug/ml
19) T n-Tetratriacontane (C34)	19.728	7487064	50.384 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6993469	50.032 ug/ml
21) T n-Octatriacontane (C38)	21.216	6971197	52.256 ug/ml
22) T n-Tetracontane (C40)	22.145	6983332	54.123 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 5 Sample Multiplier: 1

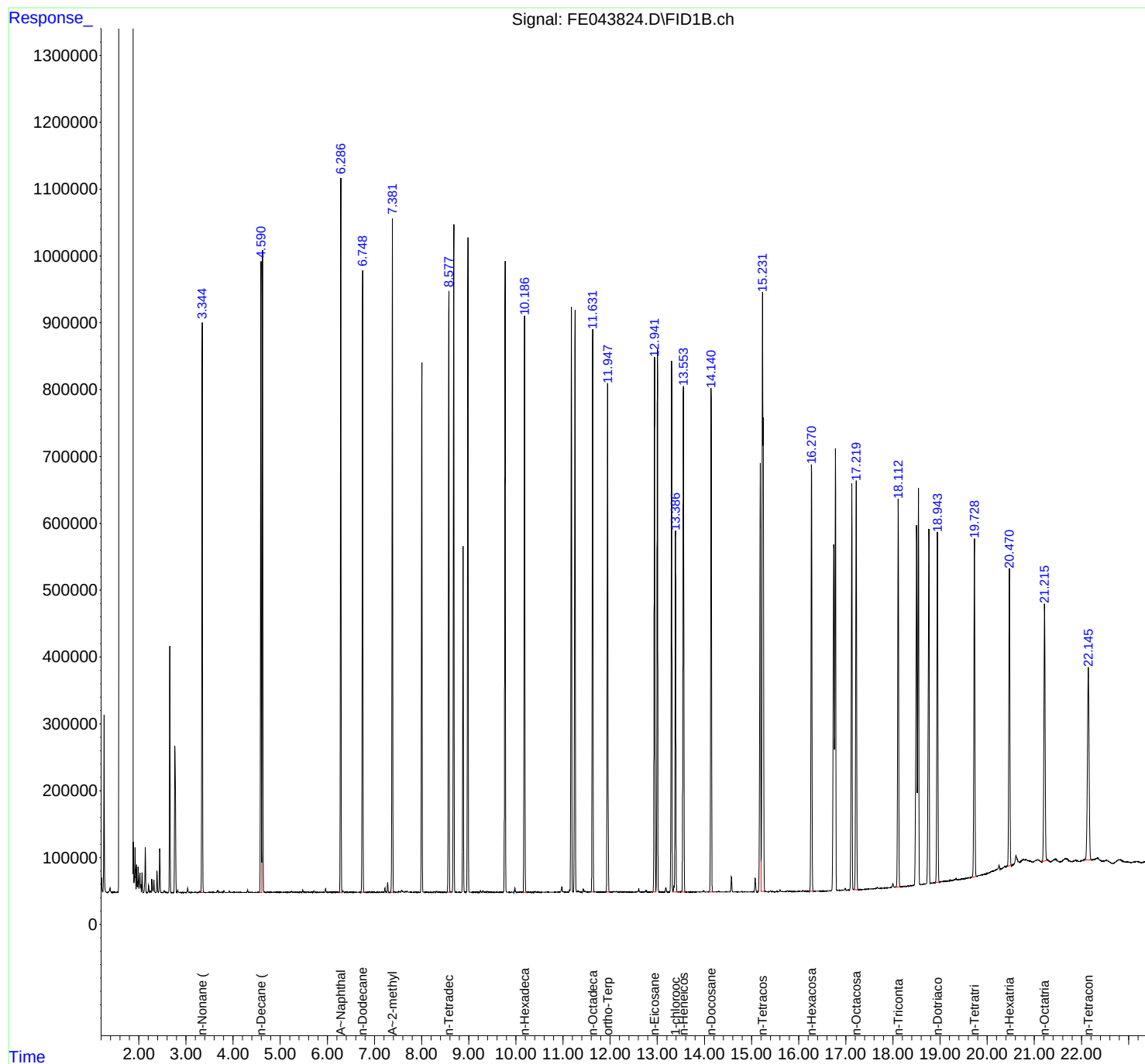
Instrument :
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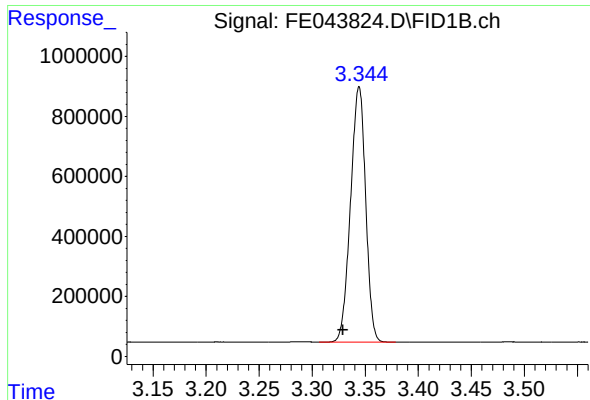
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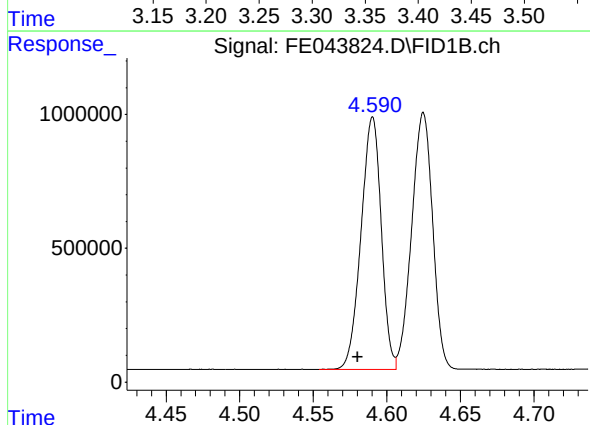
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: 0.015 min
Response: 8441560
Conc: 52.27 ug/ml

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FID_E
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PB154718BSD

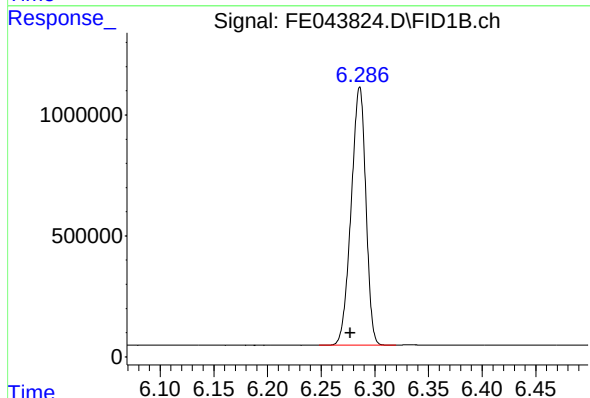
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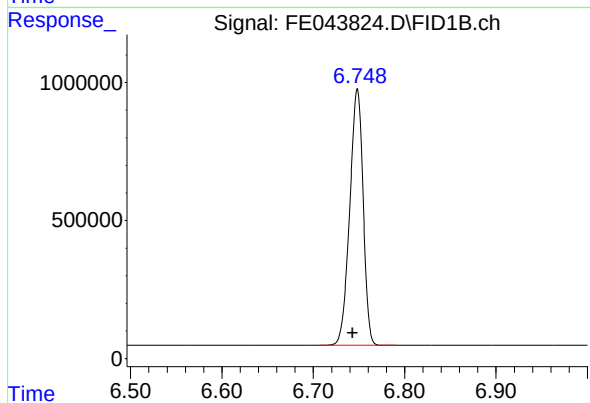
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 8994381
Conc: 54.57 ug/ml



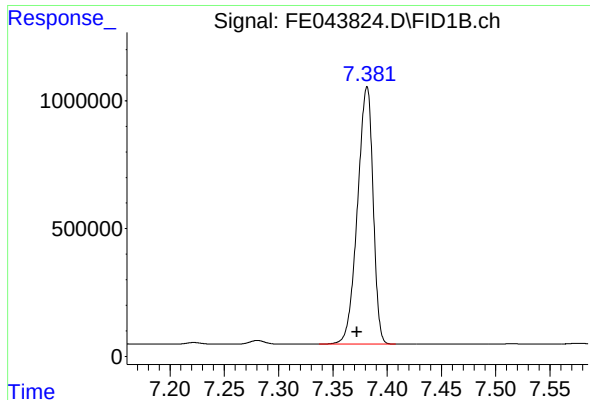
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 10181993
Conc: 55.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: 0.005 min
Response: 9461545
Conc: 56.53 ug/ml



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

R.T.: 7.382 min
Delta R.T.: 0.009 min
Response: 10072184
Conc: 56.58 ug/ml

Instrument :

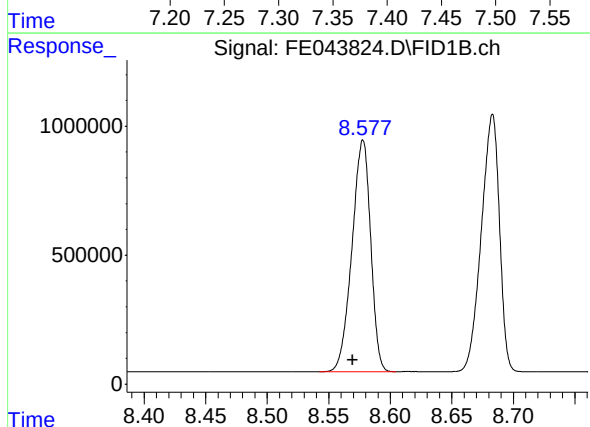
FID_E

ClientSampleId :

PB154718BSD

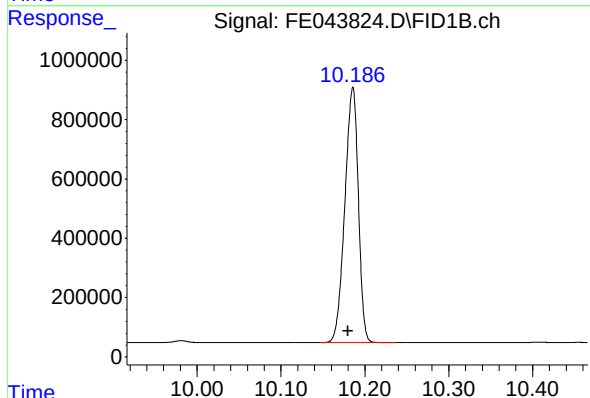
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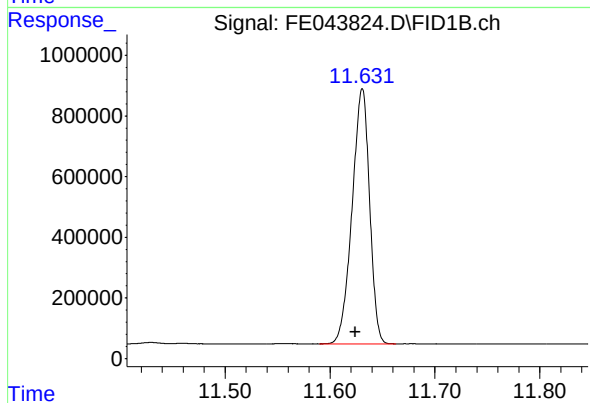
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.008 min
Response: 9502460
Conc: 56.40 ug/ml



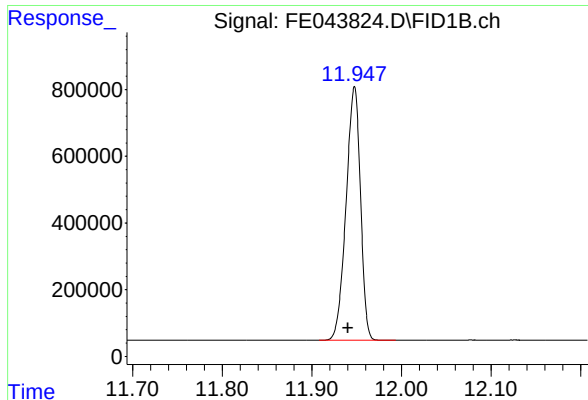
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 9642288
Conc: 54.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 9747748
Conc: 53.81 ug/ml



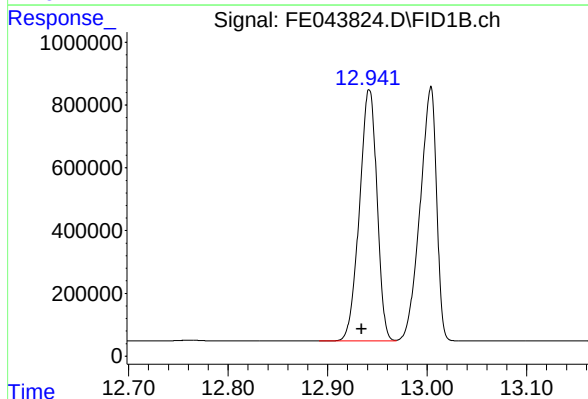
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.007 min
Response: 8499007
Conc: 41.24 ug/ml

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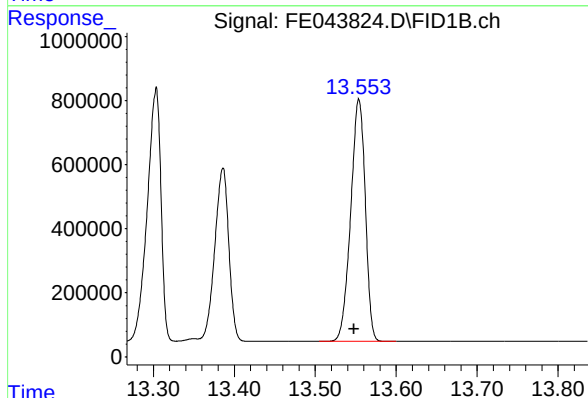
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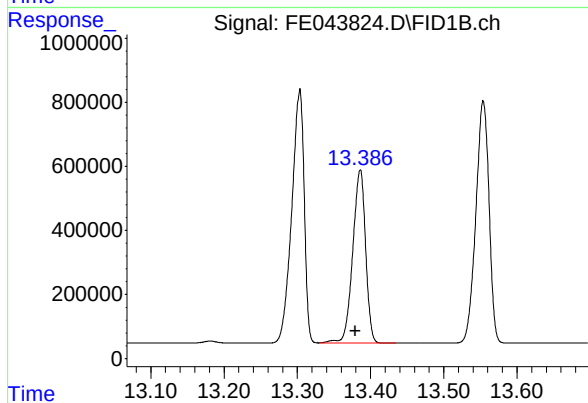
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 9790715
Conc: 55.32 ug/ml



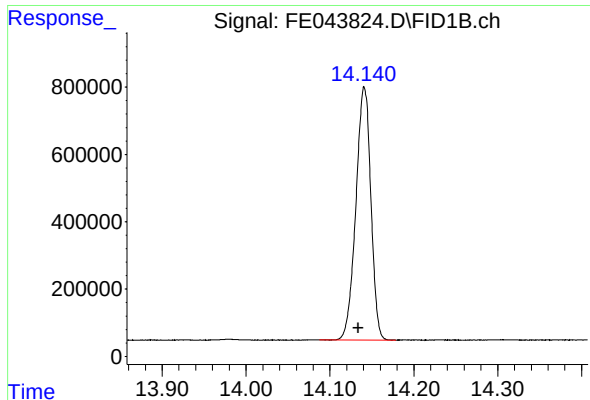
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 9440947
Conc: 53.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.007 min
Response: 6602015
Conc: 42.31 ug/ml



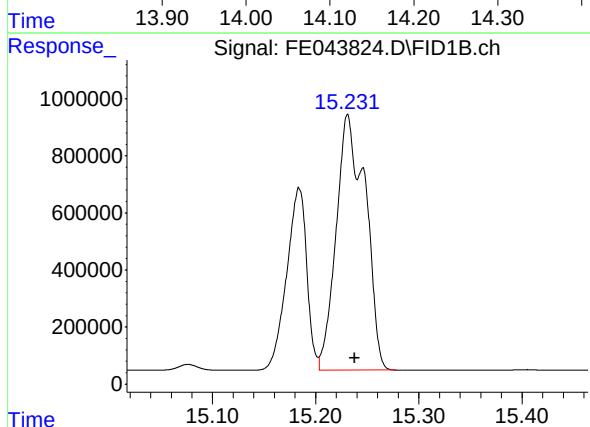
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 9326427
Conc: 53.17 ug/ml

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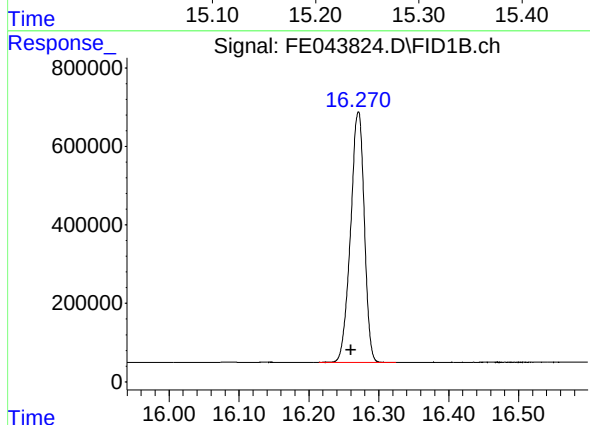
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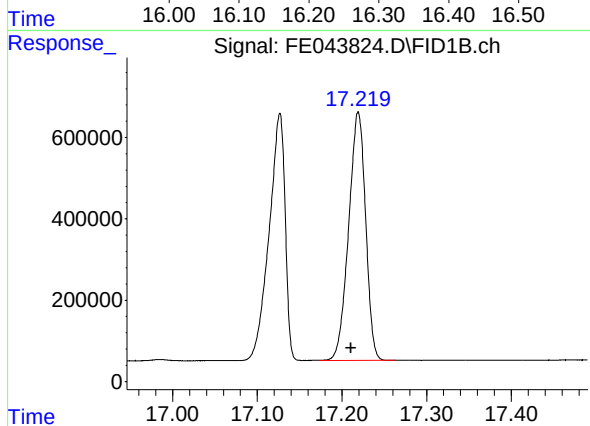
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 17555675
Conc: 99.92 ug/ml m



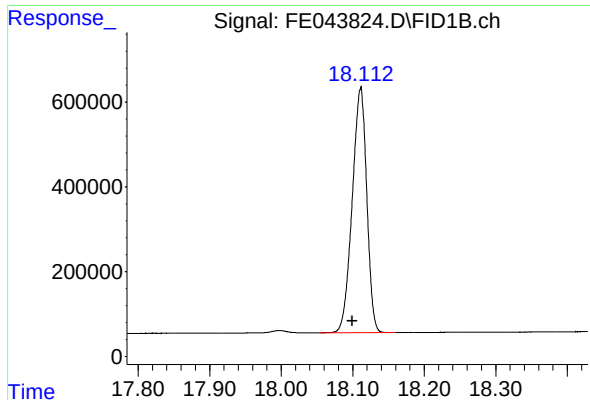
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.011 min
Response: 8729493
Conc: 50.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.009 min
Response: 8500036
Conc: 50.80 ug/ml



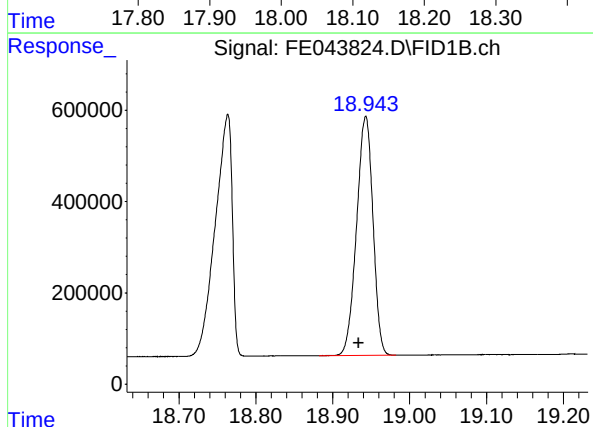
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: 0.012 min
Response: 8158737
Conc: 49.26 ug/ml

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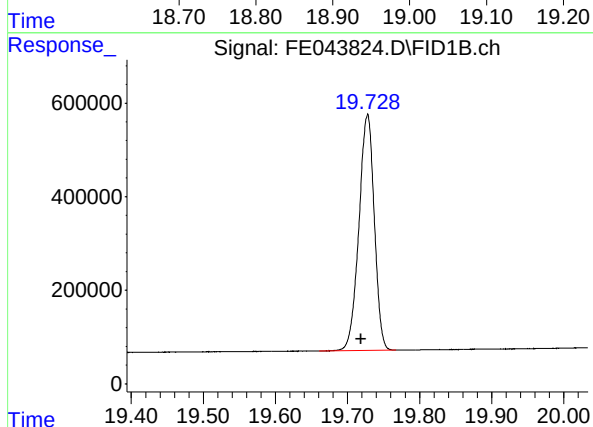
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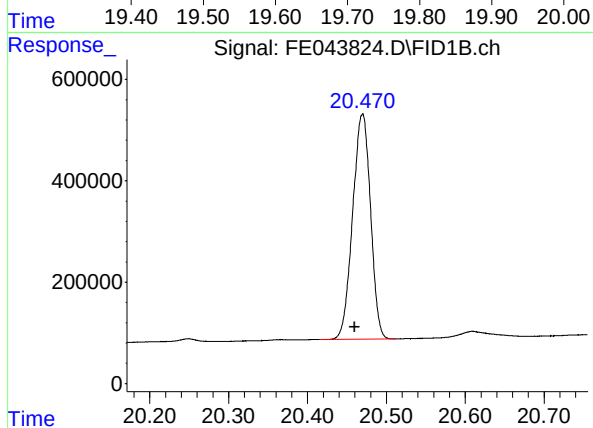
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.009 min
Response: 7765667
Conc: 49.18 ug/ml



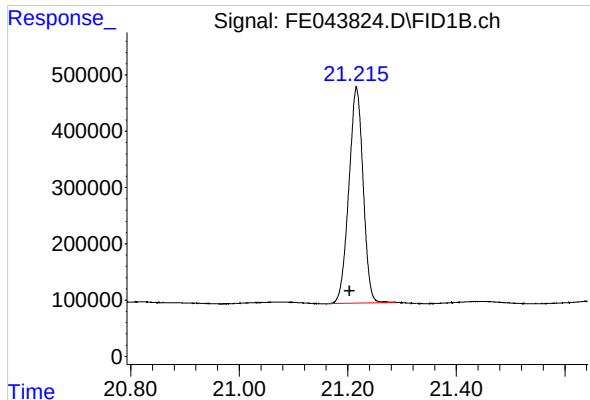
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.009 min
Response: 7487064
Conc: 50.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 6993469
Conc: 50.03 ug/ml



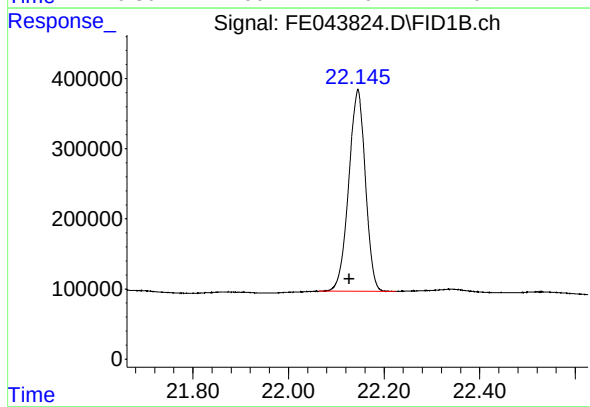
#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.012 min
Response: 6971197
Conc: 52.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.019 min
Response: 6983332
Conc: 54.12 ug/ml