

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042423AL\
 Data File : FE041519.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2023 15:20
 Operator : YP\AJ
 Sample : 02423-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2023
 Supervised By :Ankita Jodhani 04/25/2023

Integration File: sample.E
 Quant Time: Apr 25 01:36:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.988	5577406	29.729 ug/ml
Spiked Amount 50.000		Recovery =	59.46%
12) S 1-chlorooctadecane (S...	13.424	4220684	29.877 ug/ml
Spiked Amount 50.000		Recovery =	59.75%
Target Compounds			
1) T n-Nonane (C9)	3.379	6768811	46.048 ug/ml
2) T n-Decane (C10)	4.624	6844620	45.637 ug/ml
3) T A~Naphthalene (C11.7)	6.326	7504038	45.345 ug/ml
4) T n-Dodecane (C12)	6.785	6989554	45.971 ug/ml
5) T A~2-methylnaphthalene...	7.422	7095945	44.007 ug/ml
6) T n-Tetradecane (C14)	8.616	6913778	45.514 ug/ml
7) T n-Hexadecane (C16)	10.224	7015746	43.963 ug/ml
8) T n-Octadecane (C18)	11.669	7064891	43.102 ug/ml
10) T n-Eicosane (C20)	12.980	6904095	42.924 ug/ml
11) T n-Heneicosane (C21)	13.593	6747947	42.341 ug/ml
13) T n-Docosane (C22)	14.180	6716405	42.154 ug/ml
14) T n-Tetracosane (C24)	15.277	13284812	82.402 ug/ml
15) T n-Hexacosane (C26)	16.308	6366584	40.270 ug/ml
16) T n-Octacosane (C28)	17.258	6394575	41.558 ug/ml
17) T n-Tricontane (C30)	18.148	6414720	42.118 ug/ml
18) T n-Dotriacontane (C32)	18.981	6015181	40.376 ug/mlm
19) T n-Tetratriacontane (C34)	19.768	6019562	42.729 ug/ml
20) T n-Hexatriacontane (C36)	20.507	5590654	41.806 ug/mlm
21) T n-Octatriacontane (C38)	21.268	5711619	43.226 ug/mlm
22) T n-Tetracontane (C40)	22.219f	6059714	47.861 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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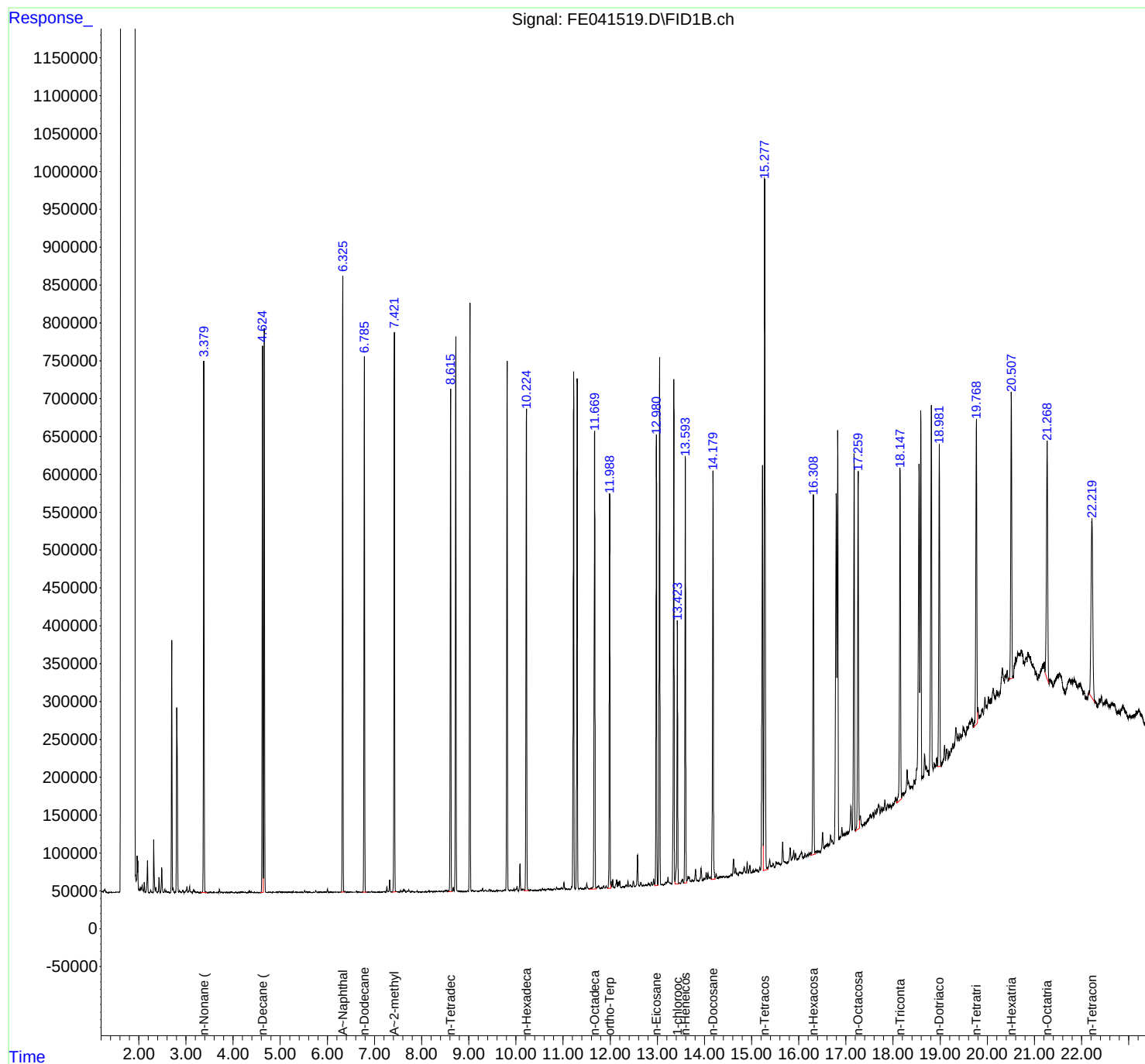
Instrument :
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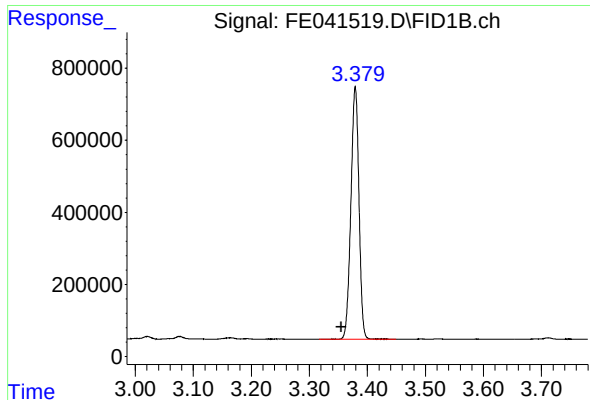
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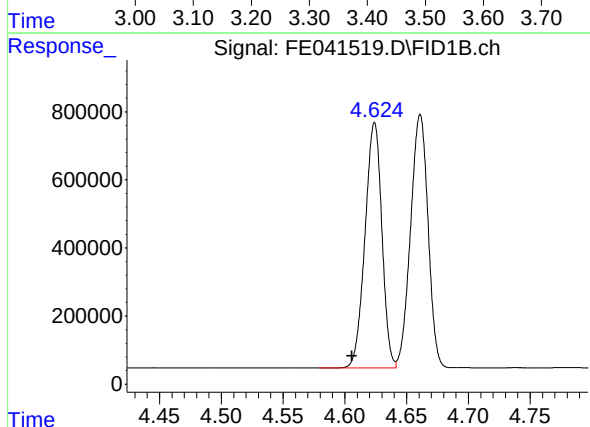
#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: 0.024 min
Response: 6768811
Conc: 46.05 ug/ml

Instrument : FID_E
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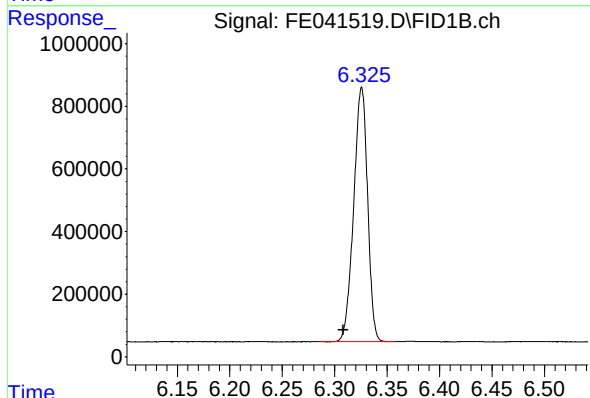
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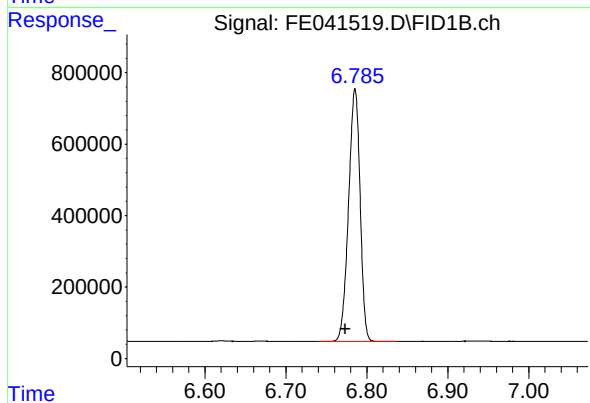
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: 0.018 min
Response: 6844620
Conc: 45.64 ug/ml



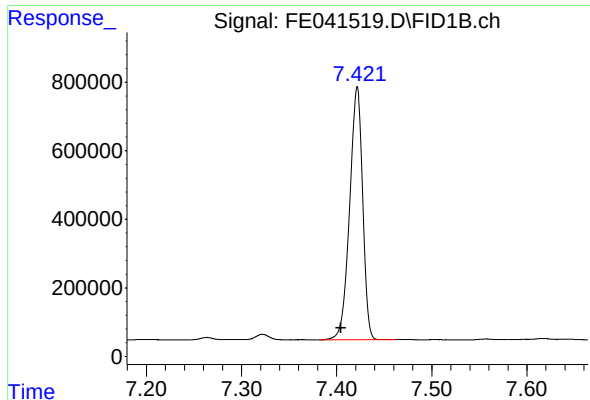
#3 A~Naphthalene (C11.7)

R.T.: 6.326 min
Delta R.T.: 0.018 min
Response: 7504038
Conc: 45.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.012 min
Response: 6989554
Conc: 45.97 ug/ml



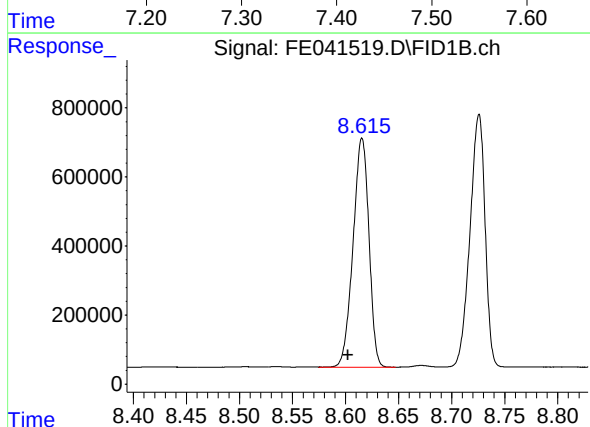
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.017 min
Response: 7095945
Conc: 44.01 ug/ml

Instrument : FID_E
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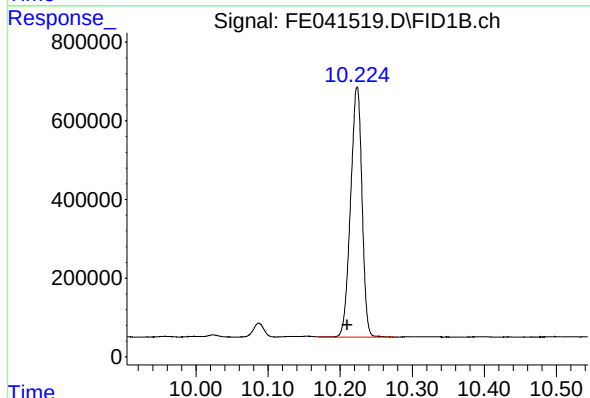
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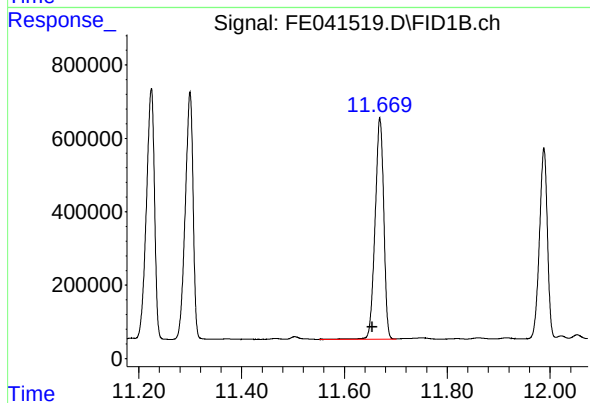
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.013 min
Response: 6913778
Conc: 45.51 ug/ml



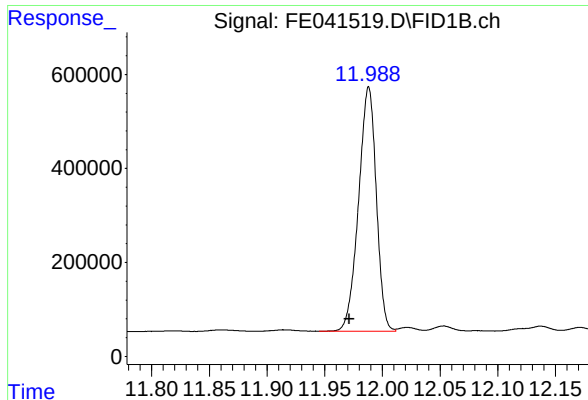
#7 n-Hexadecane (C16)

R.T.: 10.224 min
Delta R.T.: 0.014 min
Response: 7015746
Conc: 43.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: 0.015 min
Response: 7064891
Conc: 43.10 ug/ml



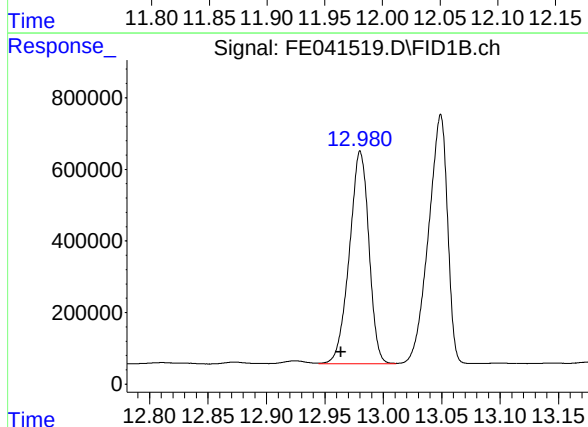
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.017 min
Response: 5577406
Conc: 29.73 ug/ml

Instrument :
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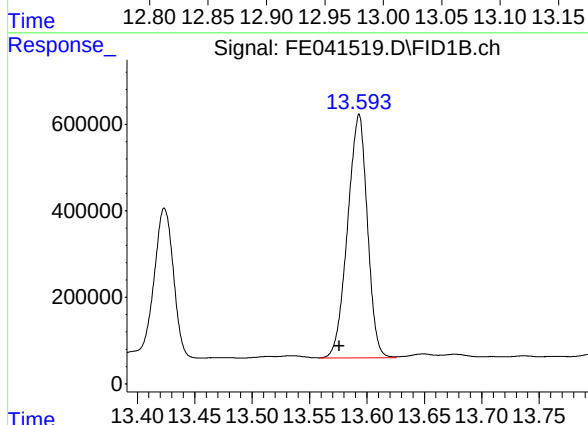
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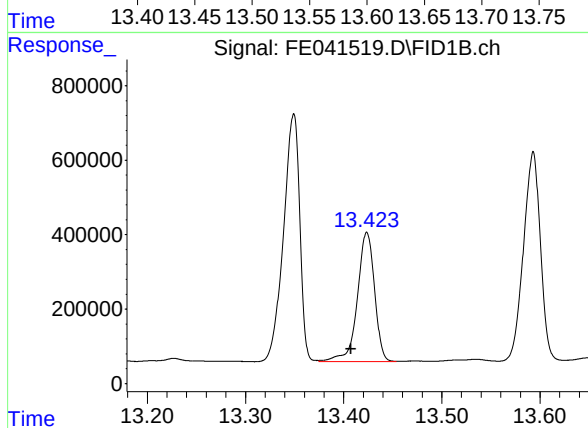
#10 n-Eicosane (C20)

R.T.: 12.980 min
Delta R.T.: 0.017 min
Response: 6904095
Conc: 42.92 ug/ml



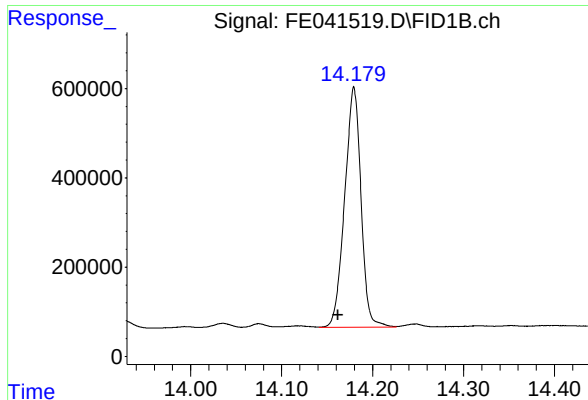
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.017 min
Response: 6747947
Conc: 42.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.016 min
Response: 4220684
Conc: 29.88 ug/ml



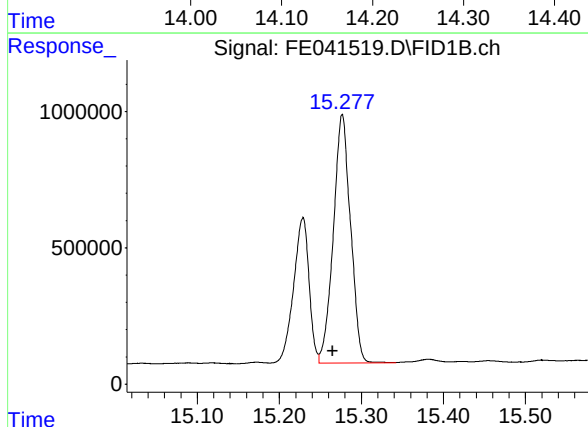
#13 n-Docosane (C22)

R.T.: 14.180 min
Delta R.T.: 0.018 min
Response: 6716405
Conc: 42.15 ug/ml

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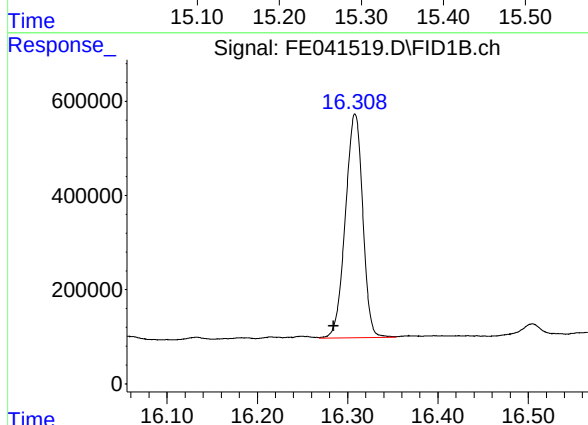
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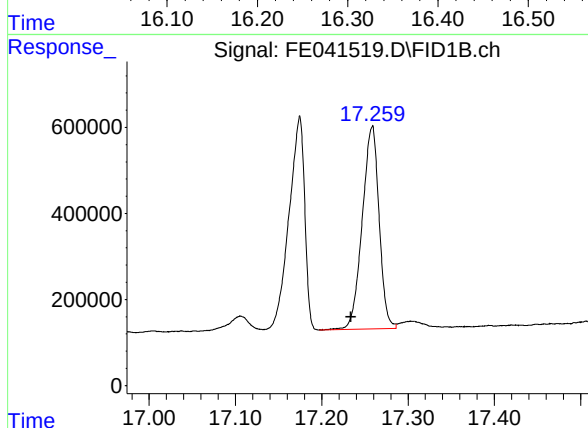
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.012 min
Response: 13284812
Conc: 82.40 ug/ml



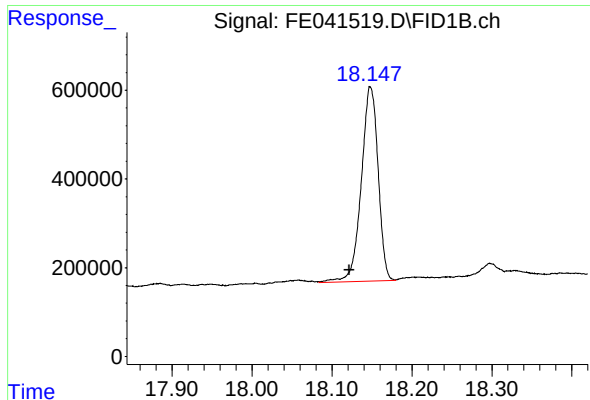
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.024 min
Response: 6366584
Conc: 40.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.258 min
Delta R.T.: 0.024 min
Response: 6394575
Conc: 41.56 ug/ml



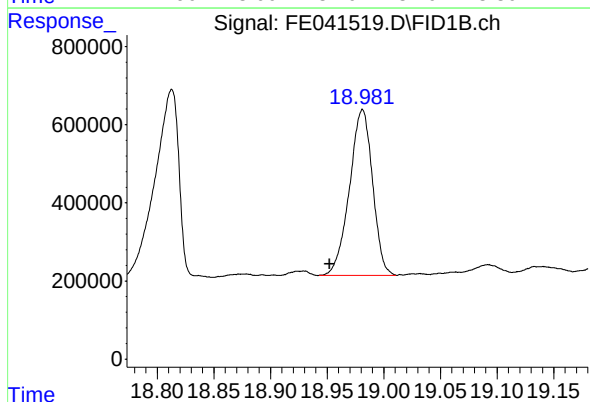
#17 n-Tricontane (C30)

R.T.: 18.148 min
Delta R.T.: 0.026 min
Response: 6414720
Conc: 42.12 ug/ml

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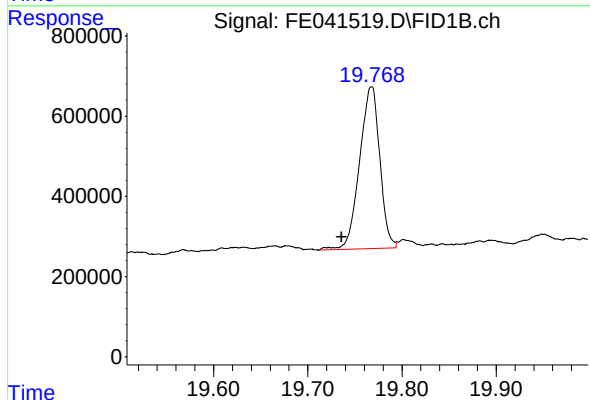
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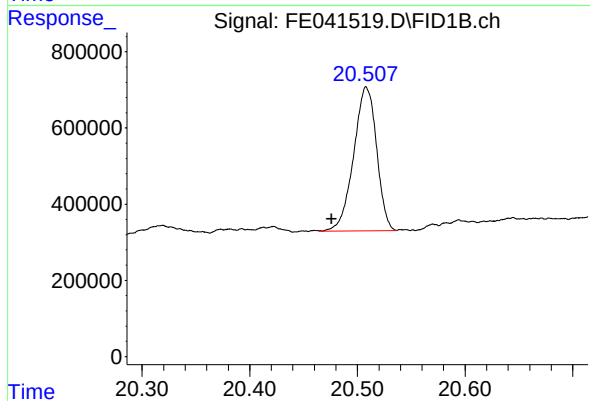
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.029 min
Response: 6015181
Conc: 40.38 ug/ml m



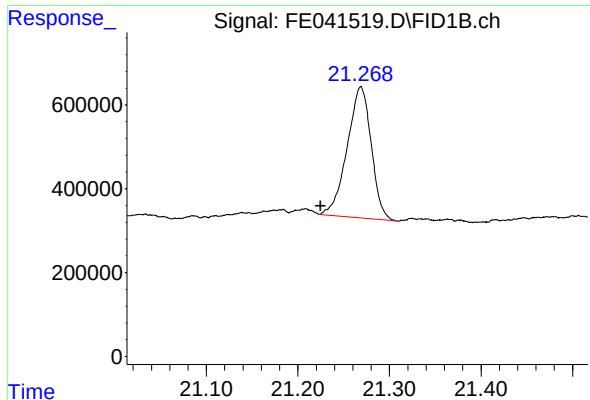
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.032 min
Response: 6019562
Conc: 42.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: 0.031 min
Response: 5590654
Conc: 41.81 ug/ml m



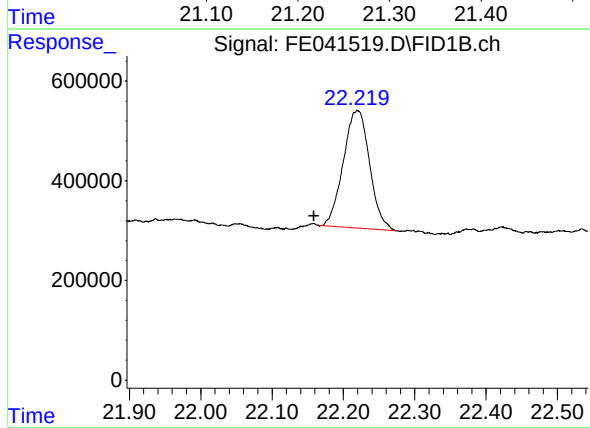
#21 n-Octatriacontane (C38)

R.T.: 21.268 min
Delta R.T.: 0.044 min
Response: 5711619
Conc: 43.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.219 min
Delta R.T.: 0.060 min
Response: 6059714
Conc: 47.86 ug/ml m