

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE050003.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 16:02
 Operator : YP\AJ
 Sample : P3892-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-005MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
 Quant Time: Sep 11 03:18:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.852	2631023	17.684 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	13.327	9230704	82.177 ug/mlm
Spiked Amount 50.000		Recovery =	164.35%
Target Compounds			
1) T n-Nonane (C9)	3.265	3641594	26.866 ug/ml
2) T n-Decane (C10)	4.516	4475456	32.428 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5159778	36.864 ug/ml
4) T n-Dodecane (C12)	6.684	5095939	36.851 ug/ml
5) T A~2-methylnaphthalene...	7.321	5183684	39.438 ug/ml
6) T n-Tetradecane (C14)	8.521	6969688	51.183 ug/ml
7) T n-Hexadecane (C16)	10.099	4937873	35.549 ug/ml
8) T n-Octadecane (C18)	11.568	4525056	32.298 ug/ml
10) T n-Eicosane (C20)	12.864	3442178	25.660 ug/ml
11) T n-Heneicosane (C21)	13.487	4209381	32.036 ug/mlm
13) T n-Docosane (C22)	14.039	6629606	50.912 ug/mlm
14) T n-Tetracosane (C24)	15.183	6304175	48.274 ug/ml
15) T n-Hexacosane (C26)	16.207	4946132	38.660 ug/ml
16) T n-Octacosane (C28)	17.143	6069210	47.118 ug/ml
17) T n-Tricontane (C30)	18.025	5508491	41.194 ug/ml
18) T n-Dotriacontane (C32)	18.854	5674472	42.583 ug/ml
19) T n-Tetratriacontane (C34)	19.636	5770926	46.705 ug/ml
20) T n-Hexatriacontane (C36)	20.374	5691755	51.300 ug/ml
21) T n-Octatriacontane (C38)	21.101	5849088	53.039 ug/ml
22) T n-Tetracontane (C40)	21.993	5501122	50.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3892-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

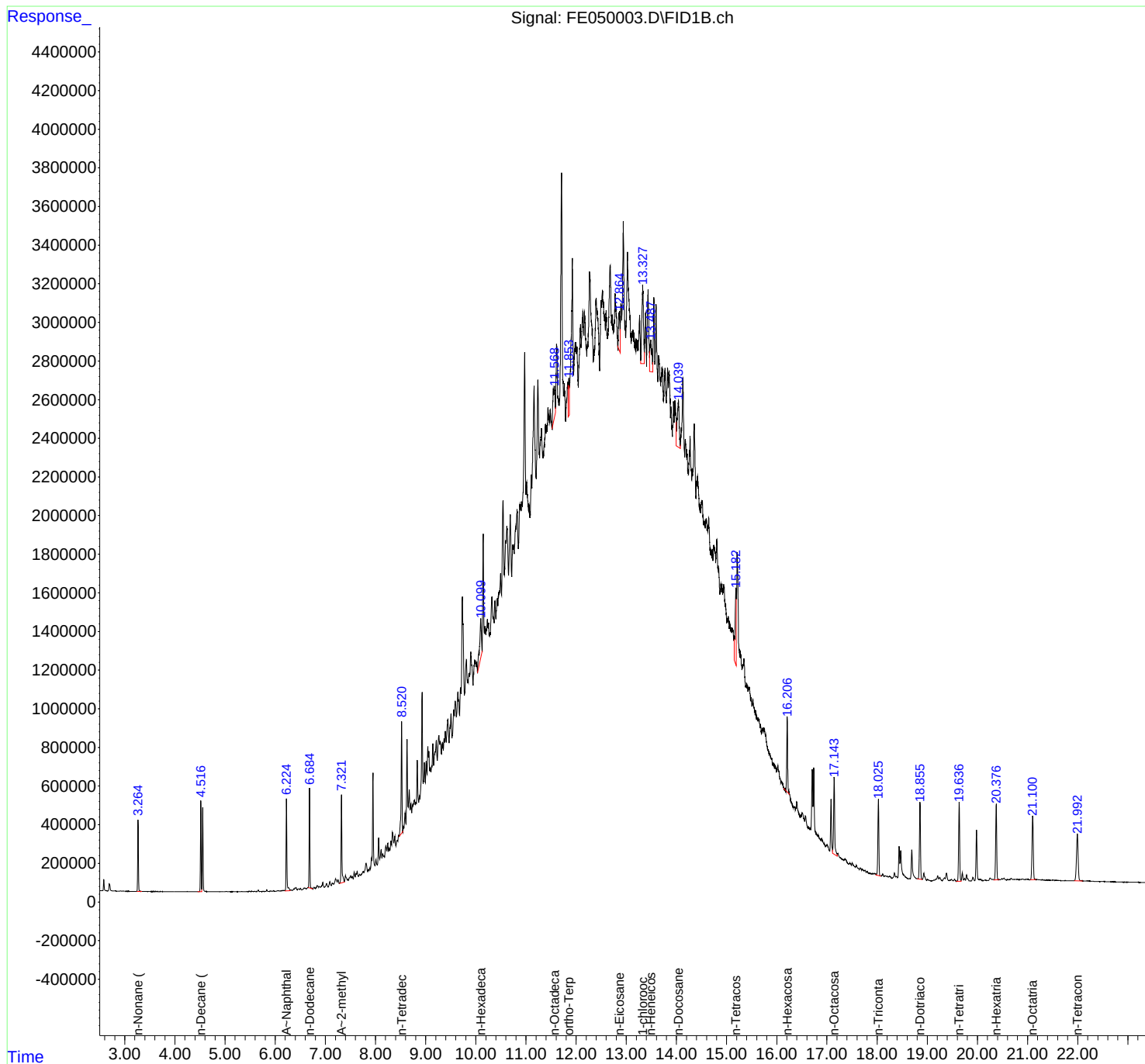
Instrument :
FID_E
ClientSampleId :
ARS20-005MSD

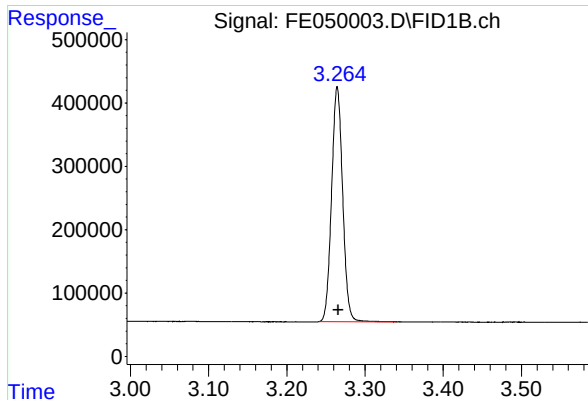
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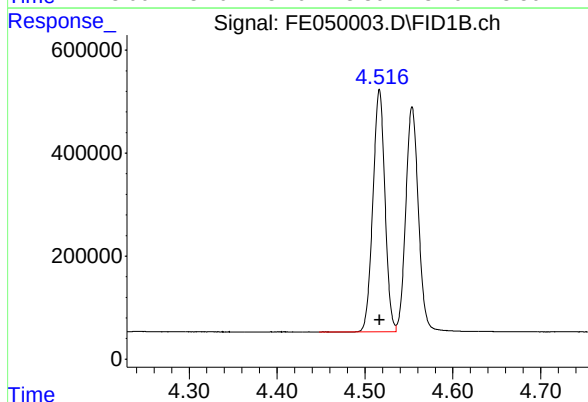
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 3641594
Conc: 26.87 ug/ml

Instrument :
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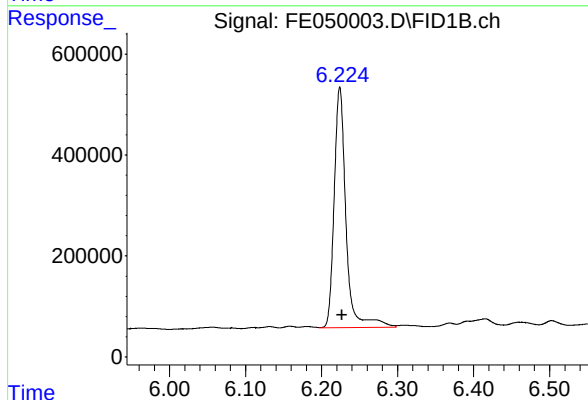
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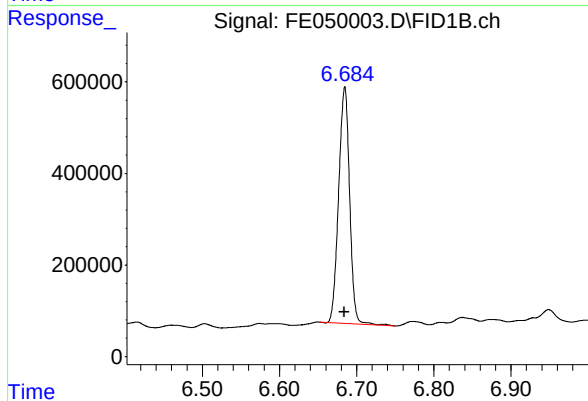
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 4475456
Conc: 32.43 ug/ml



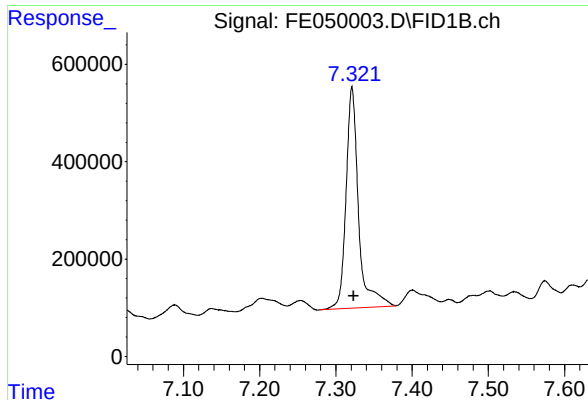
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5159778
Conc: 36.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5095939
Conc: 36.85 ug/ml



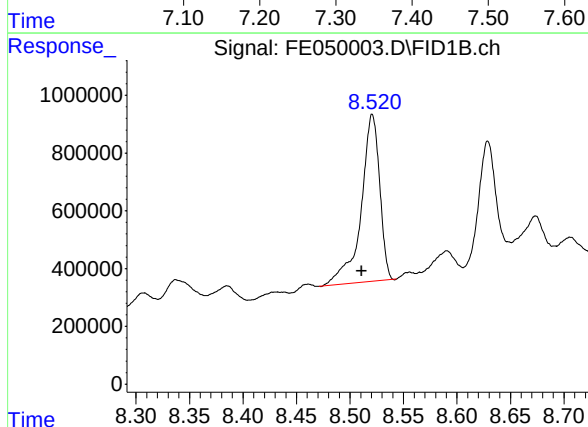
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 5183684
Conc: 39.44 ug/ml

Instrument :
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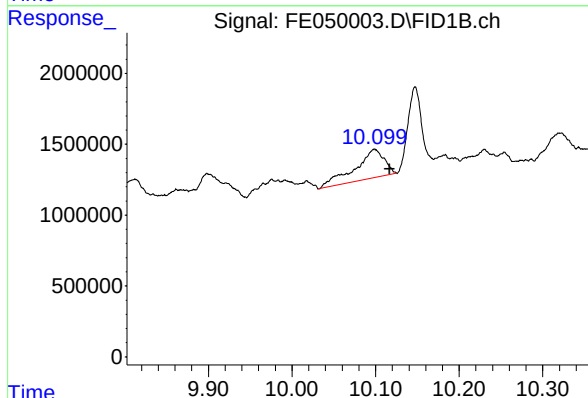
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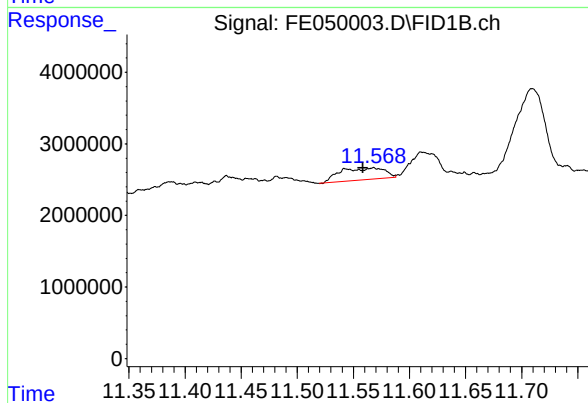
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.010 min
Response: 6969688
Conc: 51.18 ug/ml



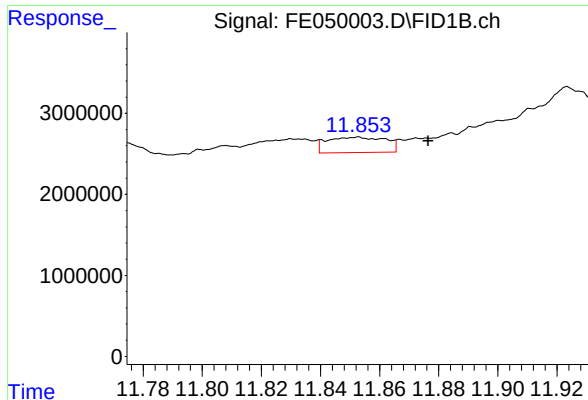
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.018 min
Response: 4937873
Conc: 35.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: 0.009 min
Response: 4525056
Conc: 32.30 ug/ml



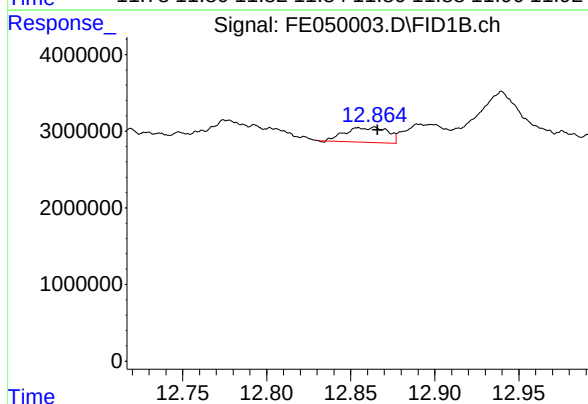
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: -0.025 min
Response: 2631023
Conc: 17.68 ug/ml

Instrument :
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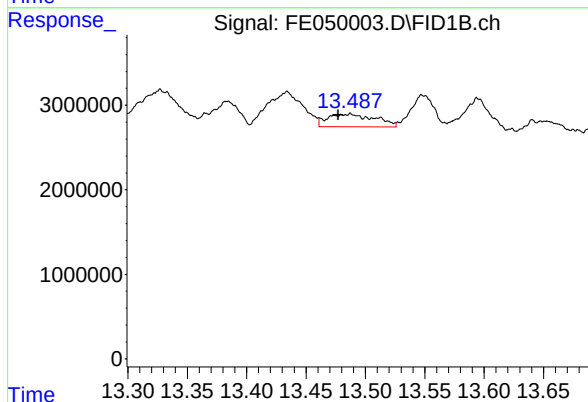
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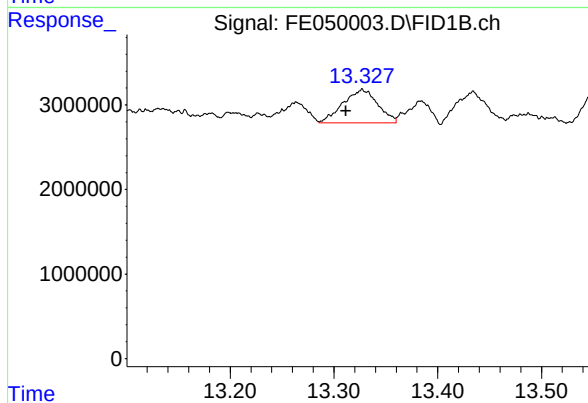
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 3442178
Conc: 25.66 ug/ml



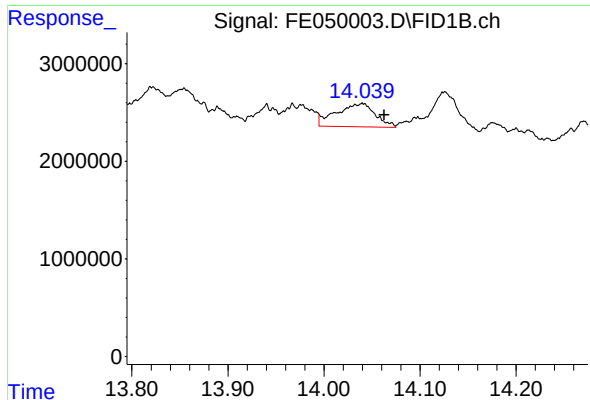
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.010 min
Response: 4209381
Conc: 32.04 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: 0.015 min
Response: 9230704
Conc: 82.18 ug/ml m



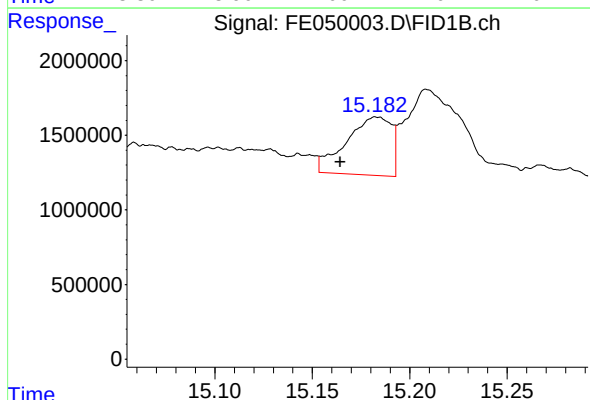
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.023 min
Response: 6629606
Conc: 50.91 ug/ml

Instrument :
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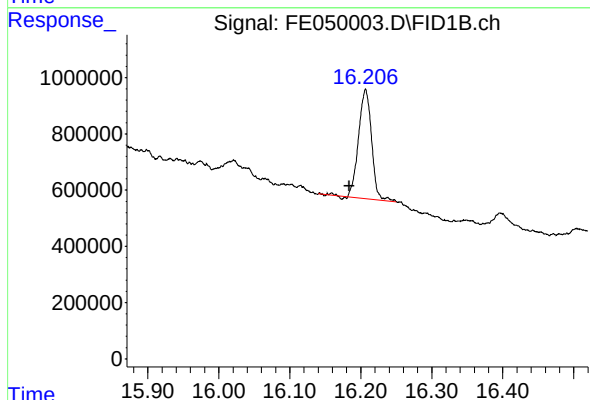
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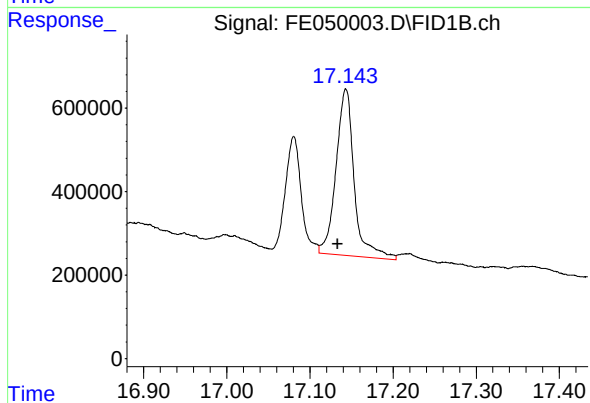
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: 0.019 min
Response: 6304175
Conc: 48.27 ug/ml



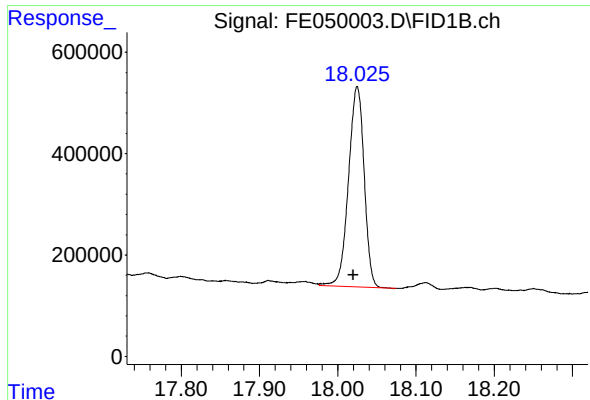
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: 0.023 min
Response: 4946132
Conc: 38.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.010 min
Response: 6069210
Conc: 47.12 ug/ml



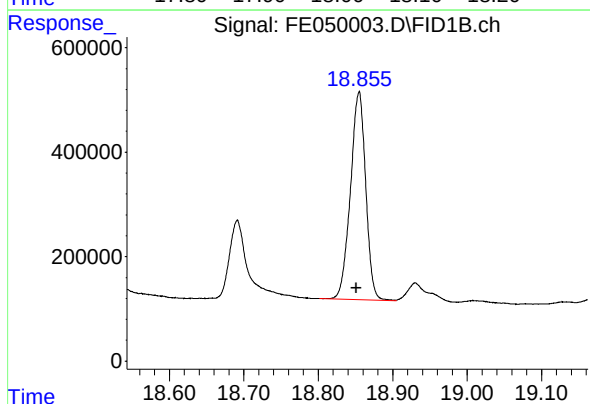
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.005 min
Response: 5508491
Conc: 41.19 ug/ml

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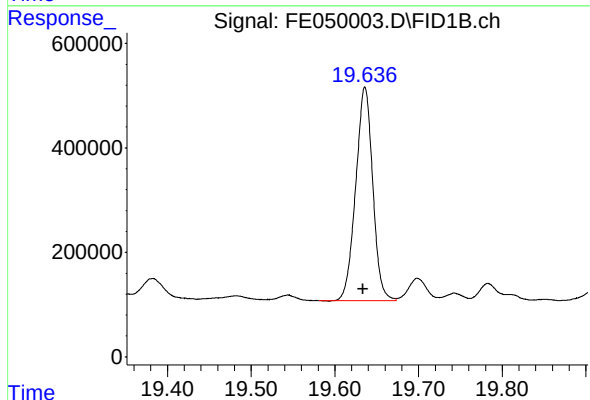
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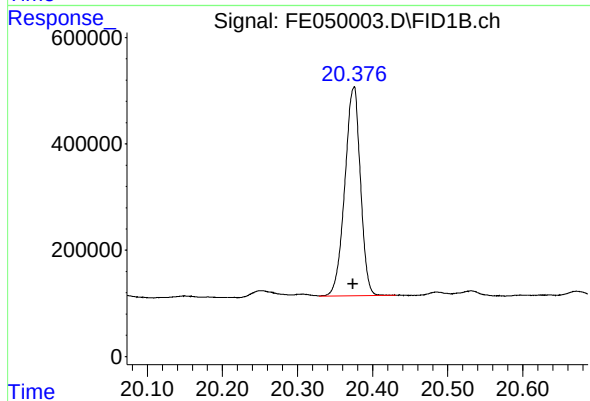
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.003 min
Response: 5674472
Conc: 42.58 ug/ml



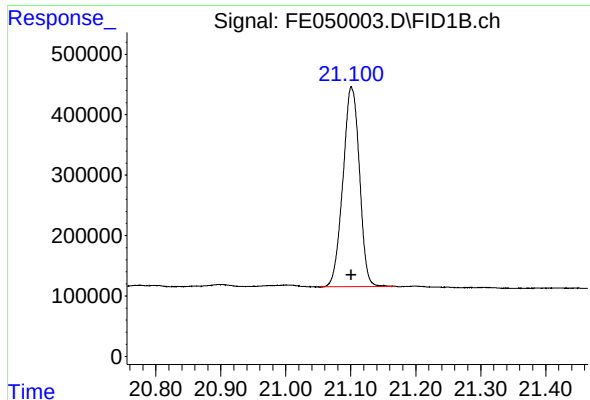
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.002 min
Response: 5770926
Conc: 46.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 5691755
Conc: 51.30 ug/ml



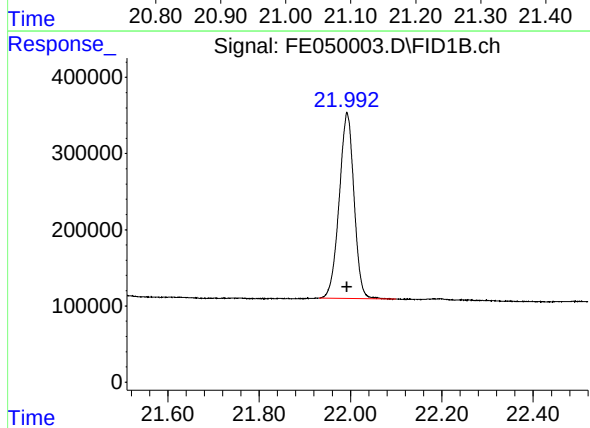
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 5849088
Conc: 53.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.000 min
Response: 5501122
Conc: 50.55 ug/ml