

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013222.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 21:53
 Operator : YP\AJ
 Sample : 04058-02MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SU-04-081723-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:56:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.893	5868877	42.716 ug/ml
Spiked Amount 50.000		Recovery =	85.43%
12) S 1-chlorooctadecane (S...	13.330	4704294	44.891 ug/ml
Spiked Amount 50.000		Recovery =	89.78%
Target Compounds			
1) T n-Nonane (C9)	3.283	3452485	32.311 ug/ml
2) T n-Decane (C10)	4.538	3898411	36.378 ug/ml
3) T A~Naphthalene (C11.7)	6.236	4558846	38.508 ug/ml
4) T n-Dodecane (C12)	6.702	4302649	39.763 ug/ml
5) T A~2-methylnaphthalene...	7.330	4718006	39.803 ug/ml
6) T n-Tetradecane (C14)	8.528	4691694	43.464 ug/ml
7) T n-Hexadecane (C16)	10.135	5307846	48.966 ug/ml
8) T n-Octadecane (C18)	11.578	5769508	52.690 ug/ml
10) T n-Eicosane (C20)	12.887	6030134	54.953 ug/ml
11) T n-Heneicosane (C21)	13.499	5931679	53.990 ug/ml
13) T n-Docosane (C22)	14.085	5888971	53.639 ug/ml
14) T n-Tetracosane (C24)	15.187	5440364	49.518 ug/ml
15) T n-Hexacosane (C26)	16.209	5861588	53.633 ug/ml
16) T n-Octacosane (C28)	17.157	5891953	54.569 ug/ml
17) T n-Tricontane (C30)	18.045	5836166	53.367 ug/ml
18) T n-Dotriacontane (C32)	18.876	5592842	49.513 ug/ml
19) T n-Tetratriacontane (C34)	19.657	5195575	48.912 ug/ml
20) T n-Hexatriacontane (C36)	20.394	4588433	43.533 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4445075	44.011 ug/mlm
22) T n-Tetracontane (C40)	22.022	4546359	45.742 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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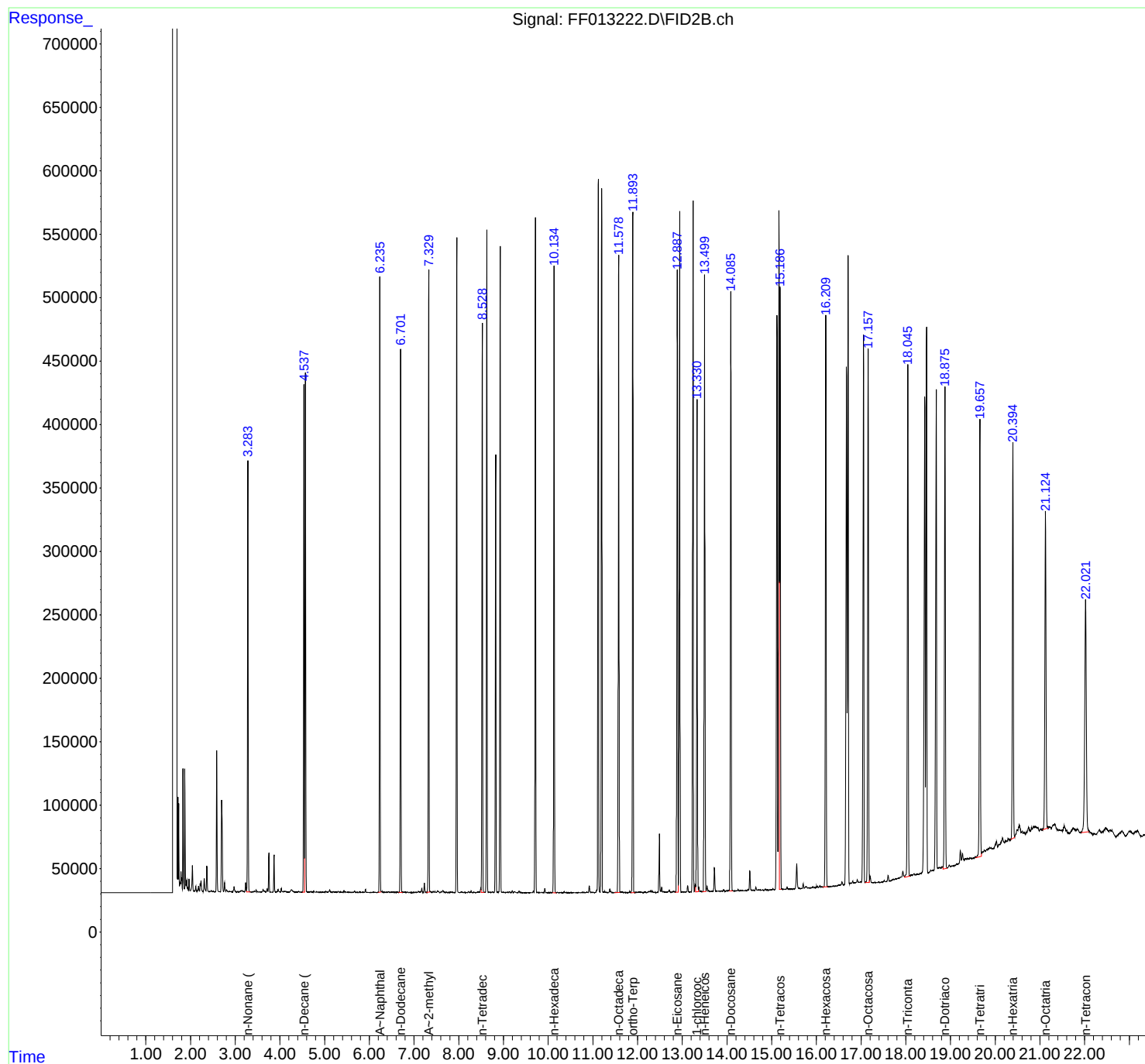
Instrument :
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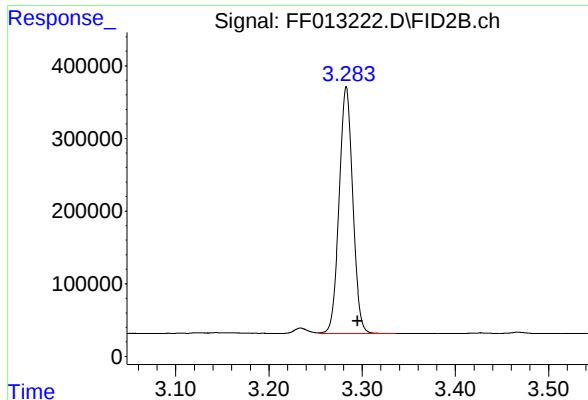
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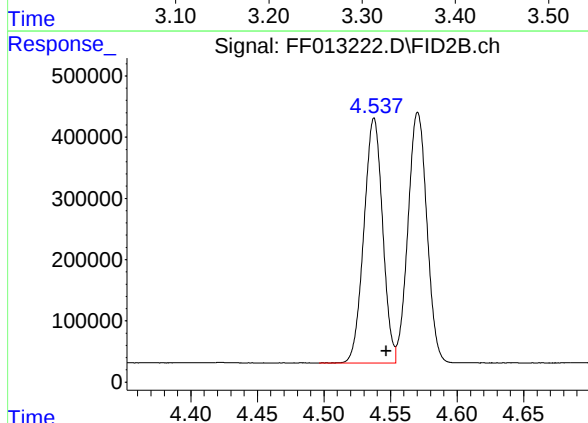
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 3452485
Conc: 32.31 ug/ml

Instrument :
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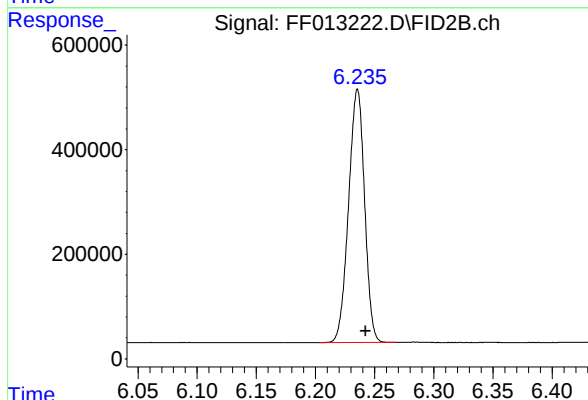
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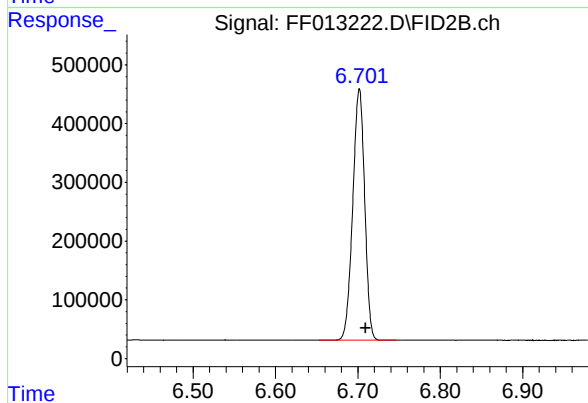
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.009 min
Response: 3898411
Conc: 36.38 ug/ml



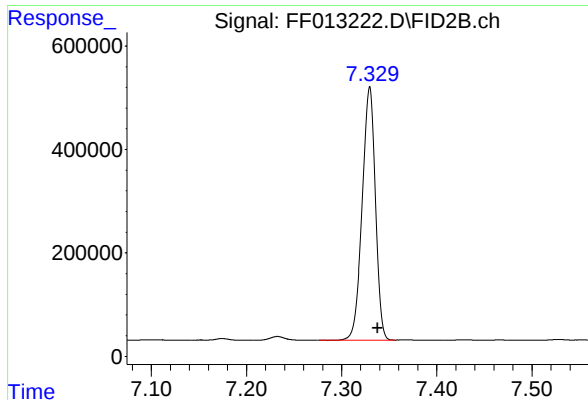
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 4558846
Conc: 38.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 4302649
Conc: 39.76 ug/ml



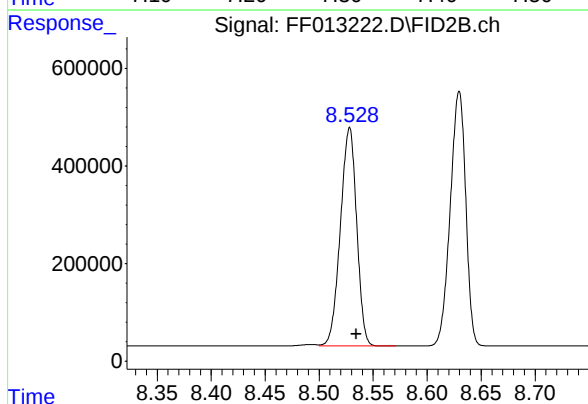
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 4718006
Conc: 39.80 ug/ml

Instrument :
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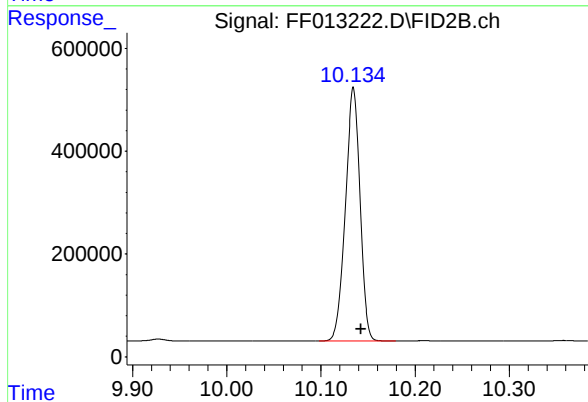
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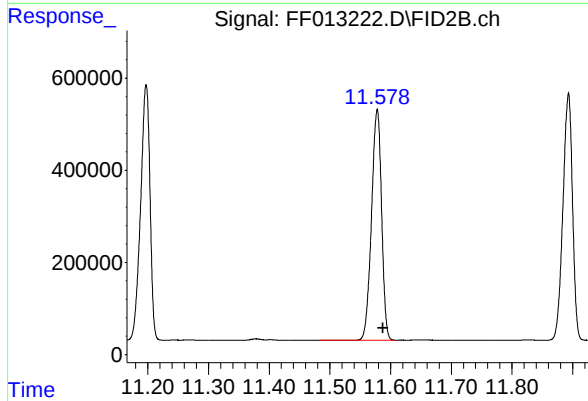
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 4691694
Conc: 43.46 ug/ml



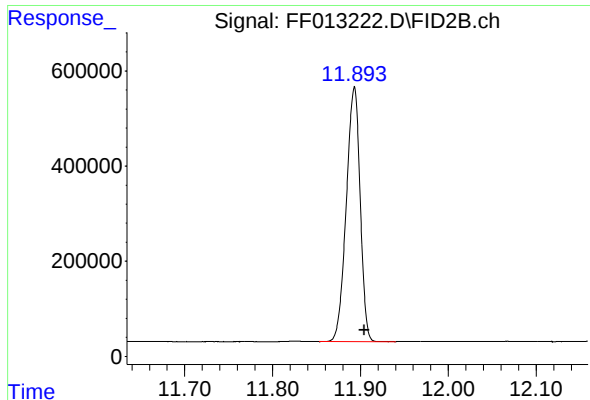
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 5307846
Conc: 48.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.009 min
Response: 5769508
Conc: 52.69 ug/ml



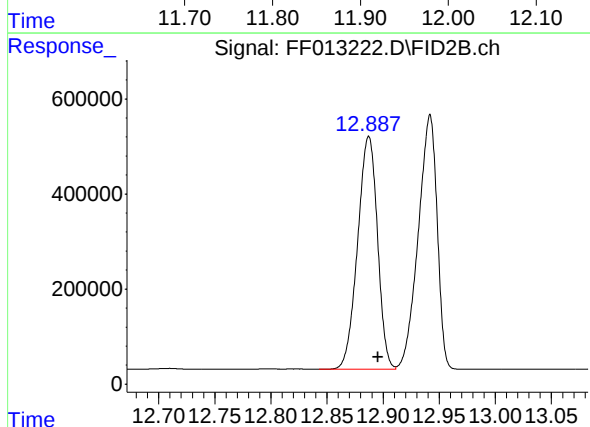
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.011 min
Response: 5868877
Conc: 42.72 ug/ml

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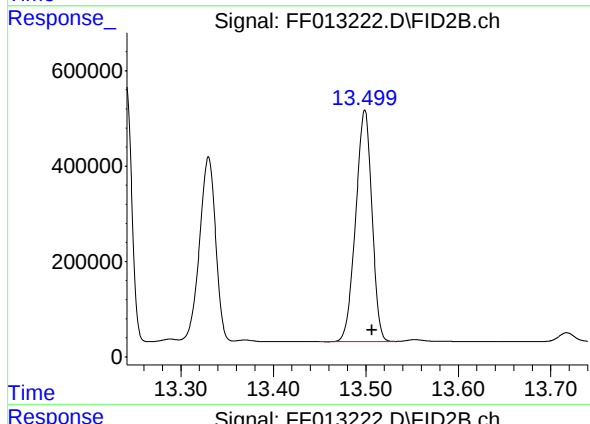
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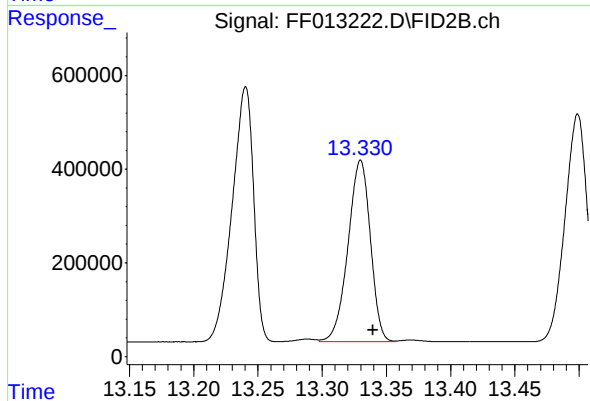
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 6030134
Conc: 54.95 ug/ml



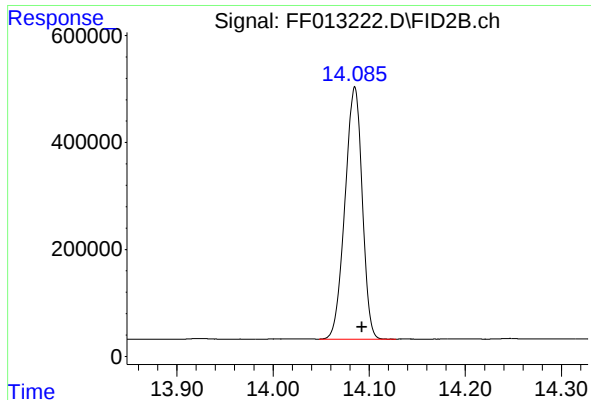
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 5931679
Conc: 53.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.009 min
Response: 4704294
Conc: 44.89 ug/ml



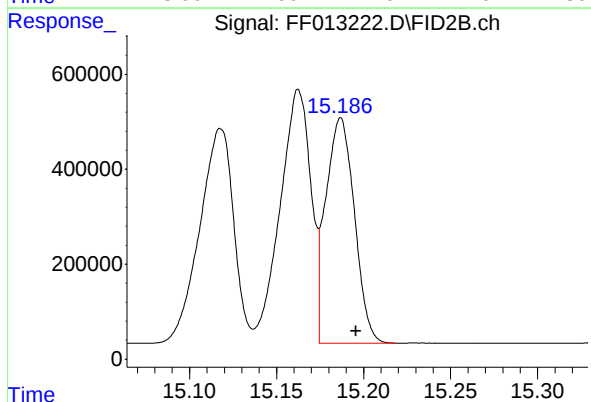
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.007 min
Response: 5888971
Conc: 53.64 ug/ml

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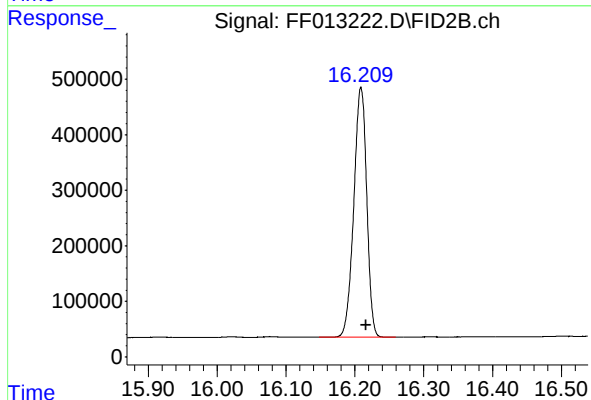
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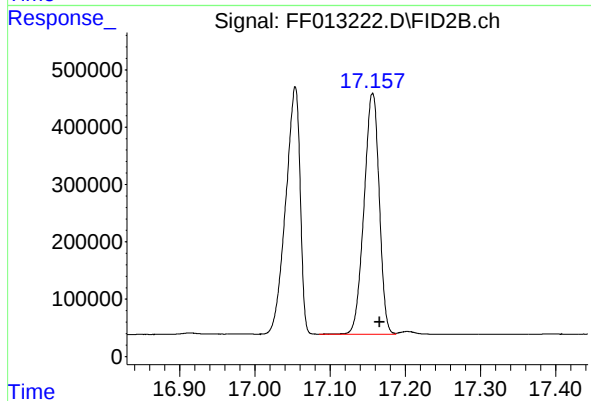
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 5440364
Conc: 49.52 ug/ml



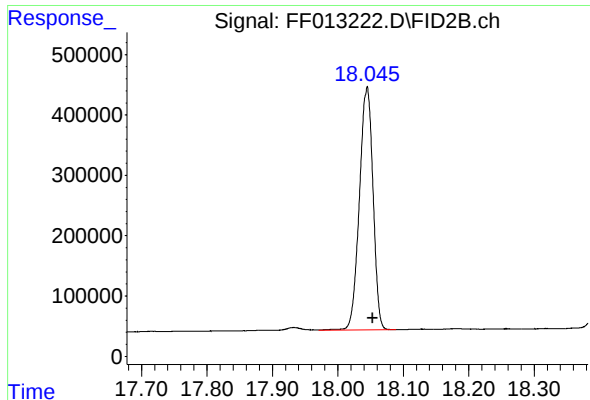
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.008 min
Response: 5861588
Conc: 53.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 5891953
Conc: 54.57 ug/ml



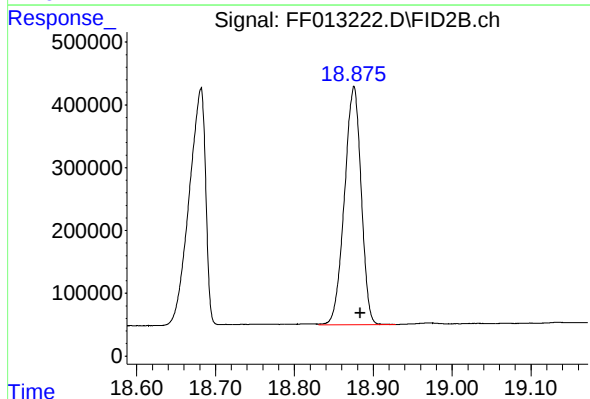
#17 n-Tricontane (C30)

R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 5836166
Conc: 53.37 ug/ml

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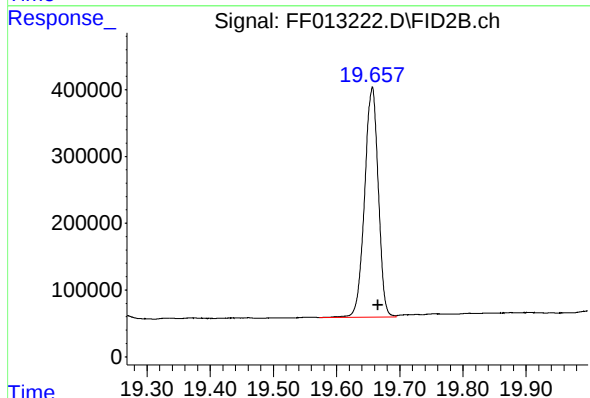
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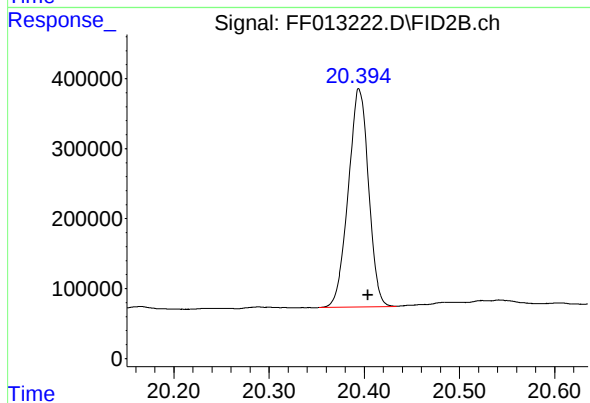
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.008 min
Response: 5592842
Conc: 49.51 ug/ml



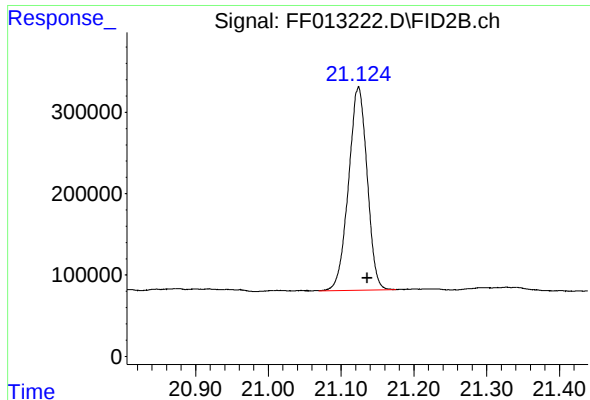
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.009 min
Response: 5195575
Conc: 48.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 4588433
Conc: 43.53 ug/ml m



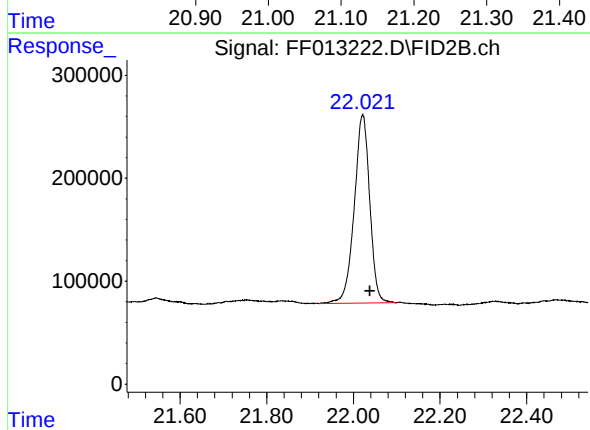
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4445075
Conc: 44.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.016 min
Response: 4546359
Conc: 45.74 ug/ml