

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044625.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 20:08
 Operator : YP\AJ
 Sample : 04731-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

DTP-3MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e

Quant Time: Oct 05 23:57:48 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.926	6320223	33.665 ug/ml
Spiked Amount 50.000		Recovery =	67.33%
12) S 1-chlorooctadecane (S...	13.367	5978648	43.947 ug/ml
Spiked Amount 50.000		Recovery =	87.89%
Target Compounds			
1) T n-Nonane (C9)	3.307	4647729	28.628 ug/ml
2) T n-Decane (C10)	4.558	5233907	31.608 ug/ml
3) T A~Naphthalene (C11.7)	6.258	6089074	34.058 ug/ml
4) T n-Dodecane (C12)	6.722	5804667	34.898 ug/ml
5) T A~2-methylnaphthalene...	7.354	6360805	37.178 ug/ml
6) T n-Tetradecane (C14)	8.552	6426379	39.145 ug/ml
7) T n-Hexadecane (C16)	10.162	7379138	43.559 ug/ml
8) T n-Octadecane (C18)	11.610	7269103	42.813 ug/ml
10) T n-Eicosane (C20)	12.925	7533696	46.825 ug/ml
11) T n-Heneicosane (C21)	13.537	7408778	47.315 ug/ml
13) T n-Docosane (C22)	14.124	7517518	48.742 ug/ml
14) T n-Tetracosane (C24)	15.220	17526631	115.943 ug/ml
15) T n-Hexacosane (C26)	16.257	6728887	45.745 ug/ml
16) T n-Octacosane (C28)	17.207	7705828	53.728 ug/ml
17) T n-Tricontane (C30)	18.101	6582195	44.404 ug/ml
18) T n-Dotriacontane (C32)	18.932	6211262	41.958 ug/ml
19) T n-Tetratriacontane (C34)	19.720	6373588	43.612 ug/ml
20) T n-Hexatriacontane (C36)	20.463	6164376	42.497 ug/ml
21) T n-Octatriacontane (C38)	21.212	6352551	42.410 ug/ml
22) T n-Tetracontane (C40)	22.146	6956131	44.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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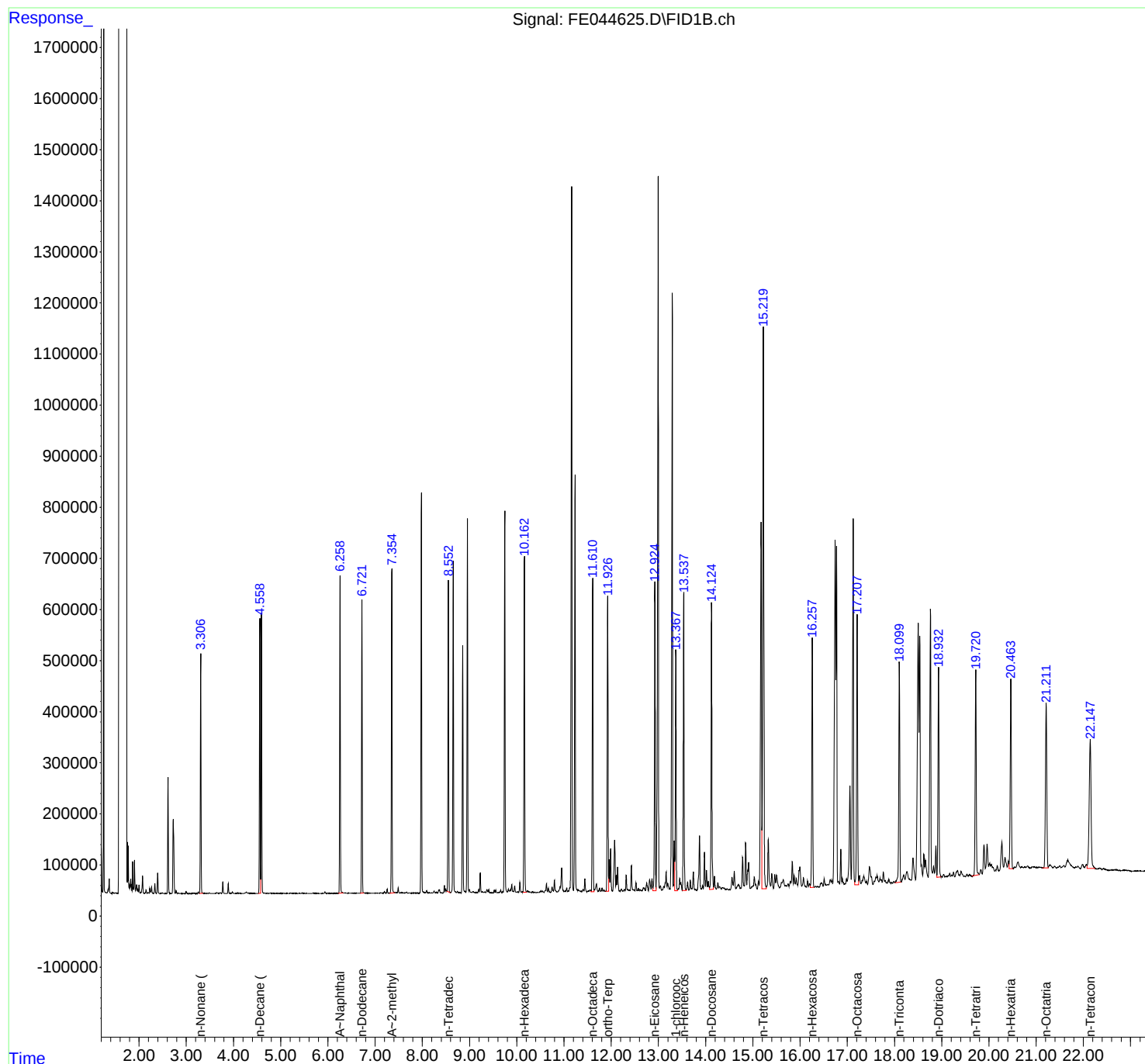
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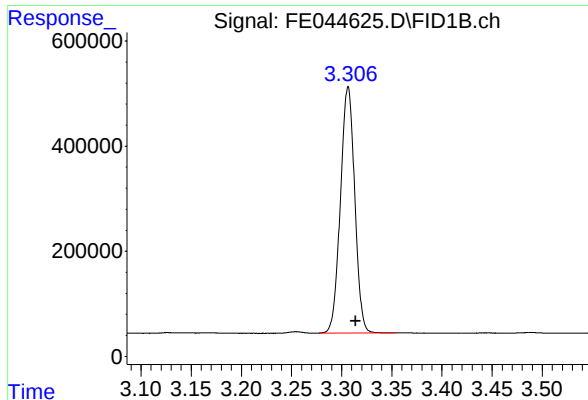
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.007 min
Response: 4647729
Conc: 28.63 ug/ml

Instrument :

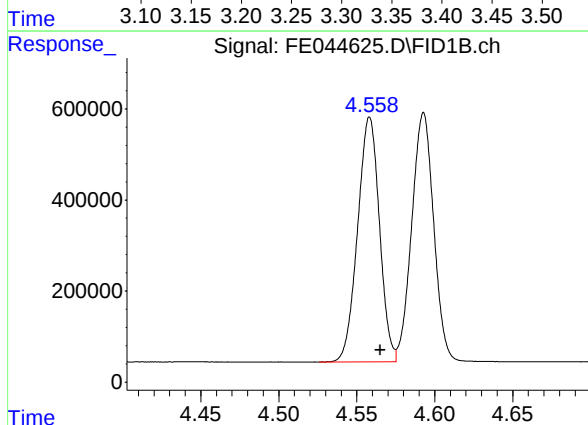
FID_E

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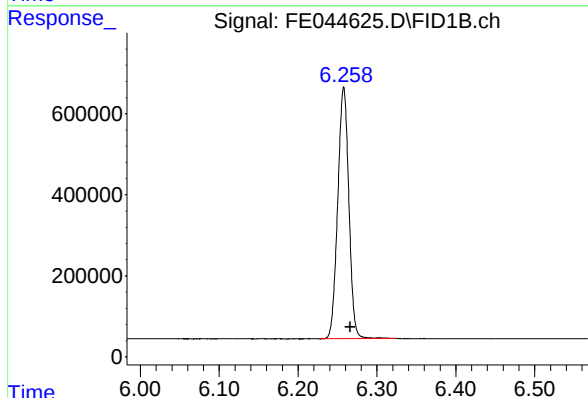
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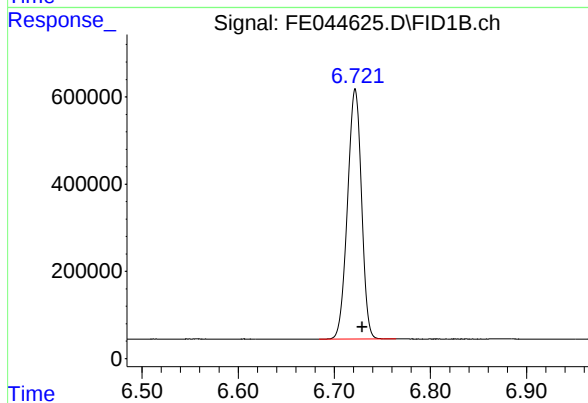
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.007 min
Response: 5233907
Conc: 31.61 ug/ml



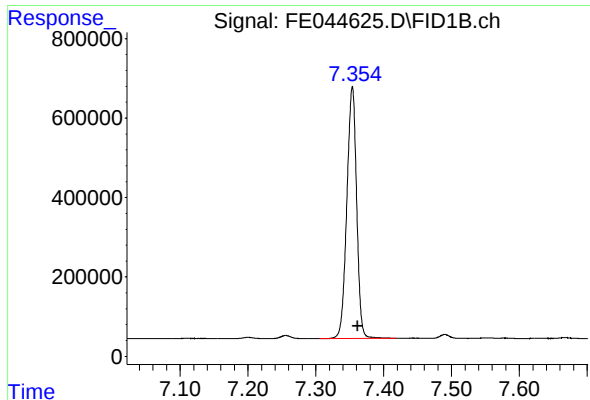
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.009 min
Response: 6089074
Conc: 34.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 5804667
Conc: 34.90 ug/ml



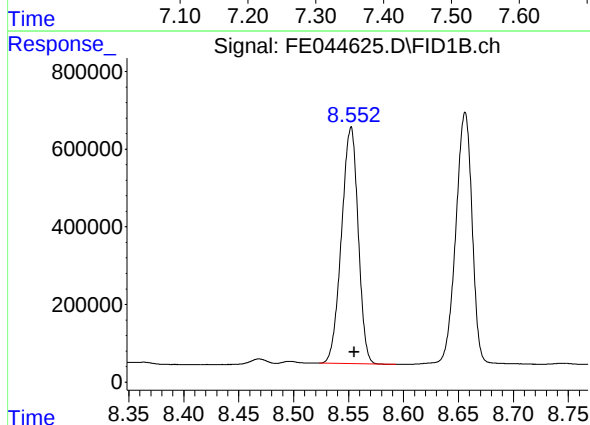
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 6360805
Conc: 37.18 ug/ml

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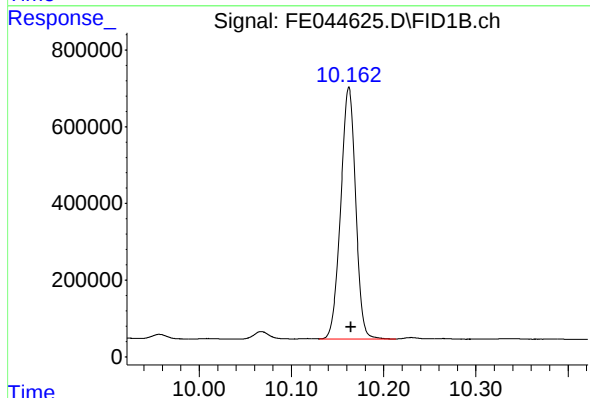
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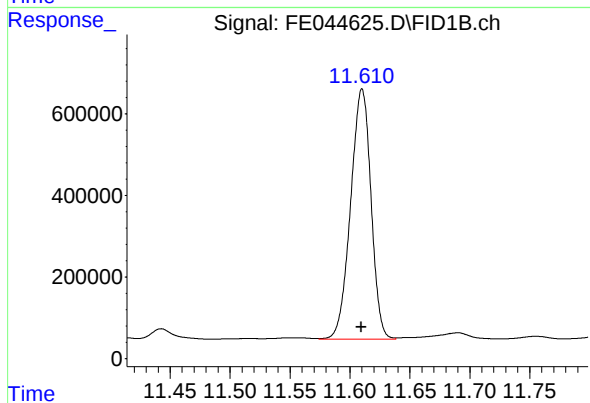
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 6426379
Conc: 39.15 ug/ml



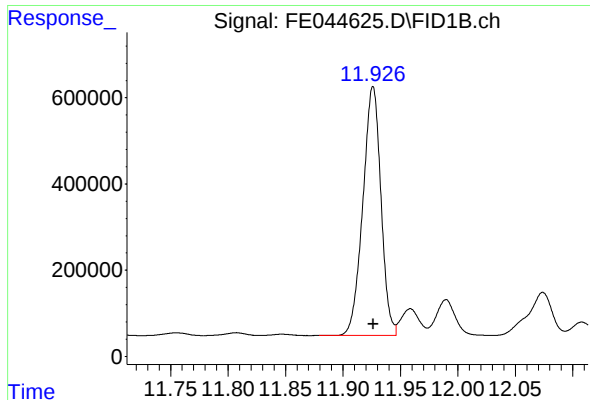
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.002 min
Response: 7379138
Conc: 43.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 7269103
Conc: 42.81 ug/ml



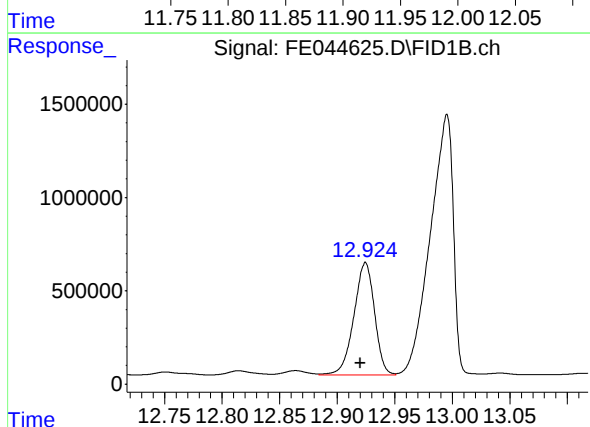
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.000 min
Response: 6320223
Conc: 33.67 ug/ml

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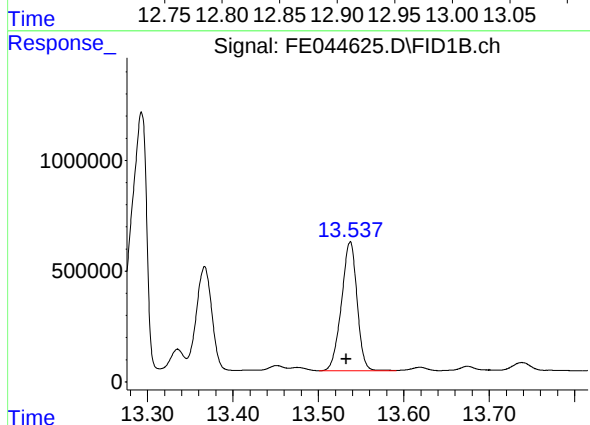
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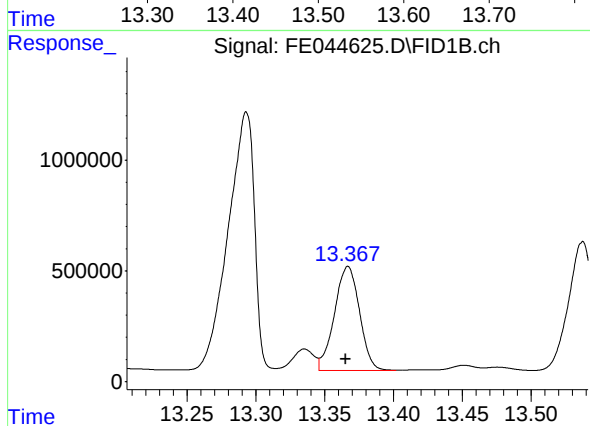
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.004 min
Response: 7533696
Conc: 46.83 ug/ml



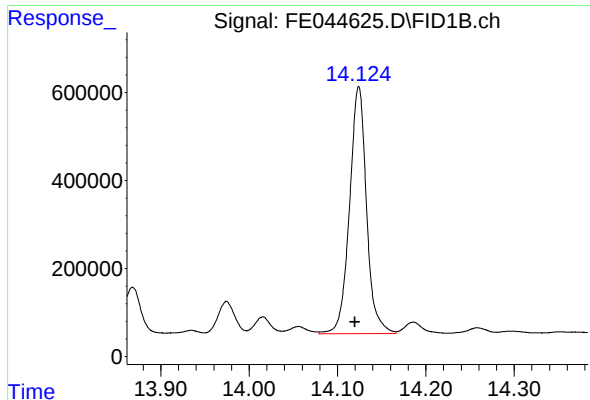
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.005 min
Response: 7408778
Conc: 47.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 5978648
Conc: 43.95 ug/ml



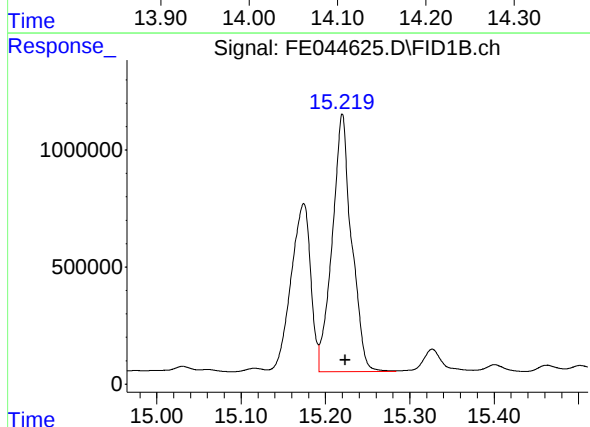
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.004 min
Response: 7517518
Conc: 48.74 ug/ml

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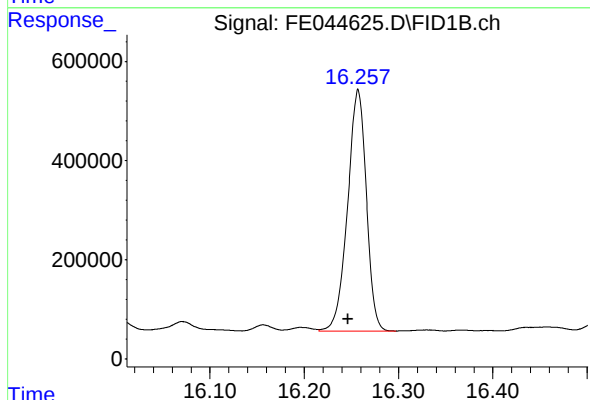
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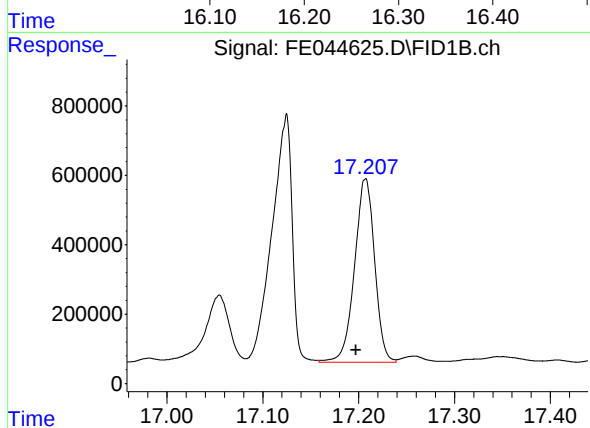
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.003 min
Response: 17526631
Conc: 115.94 ug/ml



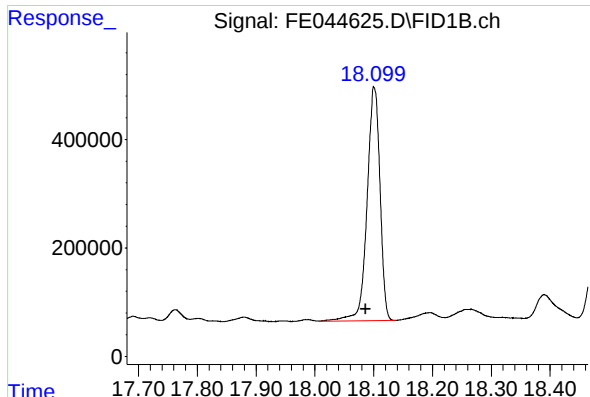
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.011 min
Response: 6728887
Conc: 45.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.010 min
Response: 7705828
Conc: 53.73 ug/ml



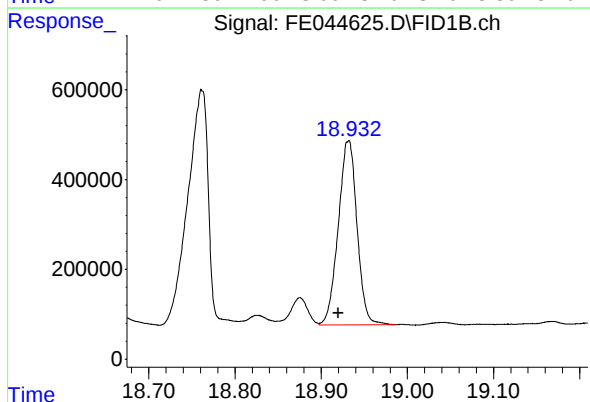
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 6582195
Conc: 44.40 ug/ml

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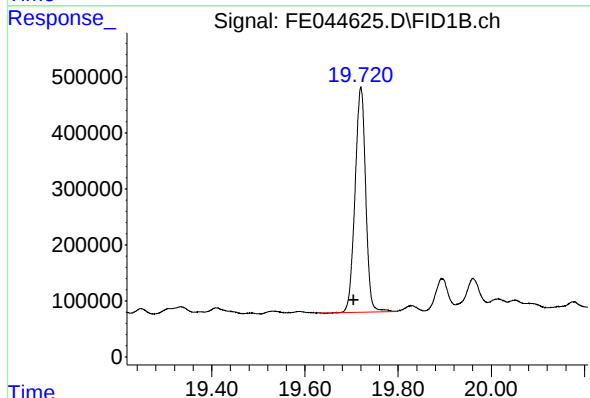
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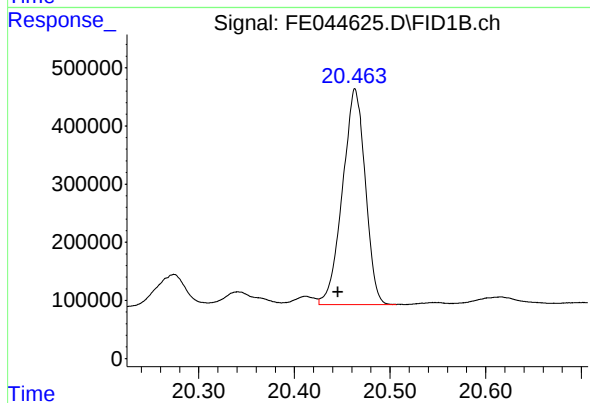
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.012 min
Response: 6211262
Conc: 41.96 ug/ml



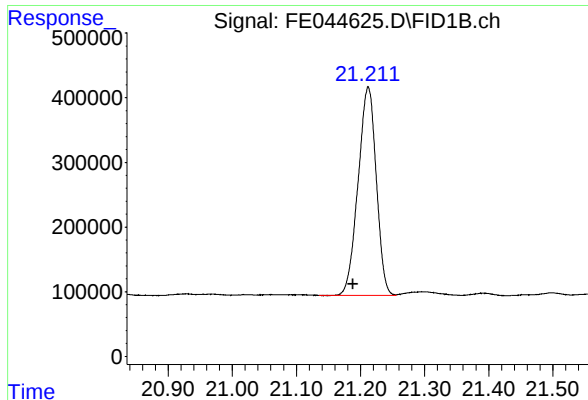
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.015 min
Response: 6373588
Conc: 43.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.017 min
Response: 6164376
Conc: 42.50 ug/ml m



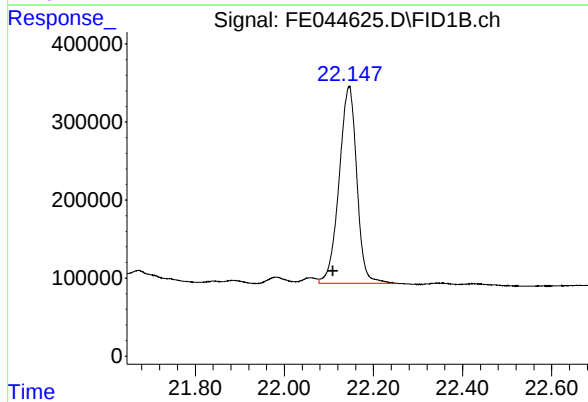
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.024 min
Response: 6352551
Conc: 42.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.037 min
Response: 6956131
Conc: 44.08 ug/ml