

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042538.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 16:24
 Operator : YP\AJ
 Sample : 03103-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-8-060823MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2023
 Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e
 Quant Time: Jun 10 01:36:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.945	5253893	29.754 ug/mlm
Spiked Amount 50.000		Recovery =	59.51%
12) S 1-chlorooctadecane (S...	13.385	37876433	285.045 ug/ml
Spiked Amount 50.000		Recovery =	570.09%
Target Compounds			
1) T n-Nonane (C9)	3.323	3739921	25.936 ug/ml
2) T n-Decane (C10)	4.575	4311982	29.128 ug/mlm
3) T A~Naphthalene (C11.7)	6.284	4900114	30.033 ug/ml
4) T n-Dodecane (C12)	6.744	5221022	34.817 ug/ml
5) T A~2-methylnaphthalene...	7.382	5216111	32.867 ug/ml
6) T n-Tetradecane (C14)	8.576	5887991	39.304 ug/ml
7) T n-Hexadecane (C16)	10.183	6736892	43.249 ug/ml
8) T n-Octadecane (C18)	11.627	6657746	42.102 ug/ml
10) T n-Eicosane (C20)	12.938	6514559	42.977 ug/ml
11) T n-Heneicosane (C21)	13.551	5929988	40.026 ug/ml
13) T n-Docosane (C22)	14.136	5688713	38.805 ug/ml
14) T n-Tetracosane (C24)	15.232	11272138	78.086 ug/ml
15) T n-Hexacosane (C26)	16.261	5271716	38.063 ug/ml
16) T n-Octacosane (C28)	17.211	5298789	39.578 ug/ml
17) T n-Tricontane (C30)	18.102	5226379	38.716 ug/ml
18) T n-Dotriacontane (C32)	18.932	5035026	37.690 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5277204	40.128 ug/ml
20) T n-Hexatriacontane (C36)	20.460	5043674	38.805 ug/mlm
21) T n-Octatriacontane (C38)	21.207	5439594	40.093 ug/ml
22) T n-Tetracontane (C40)	22.143	5391504	38.755 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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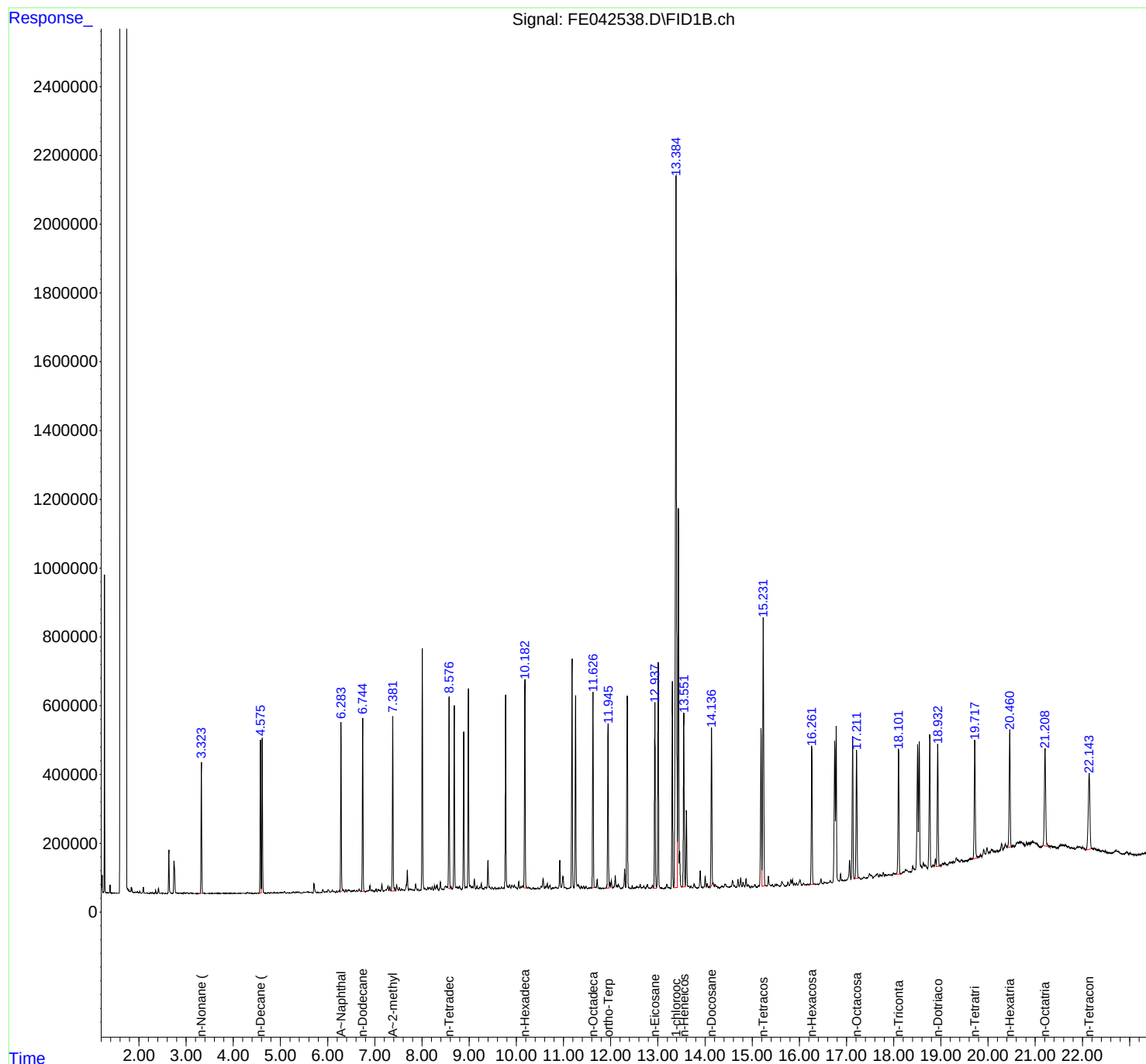
Instrument :
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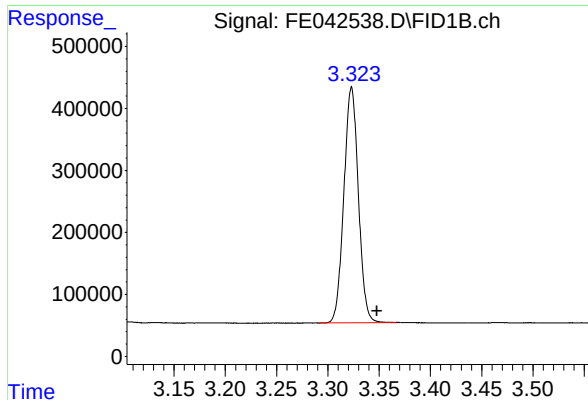
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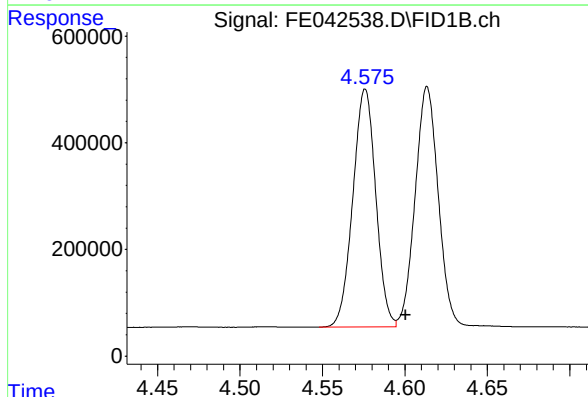
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.025 min
Response: 3739921
Conc: 25.94 ug/ml

Instrument :
FID_E
ClientSampleId :
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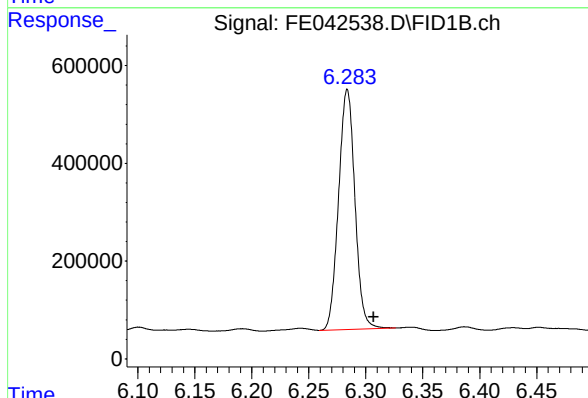
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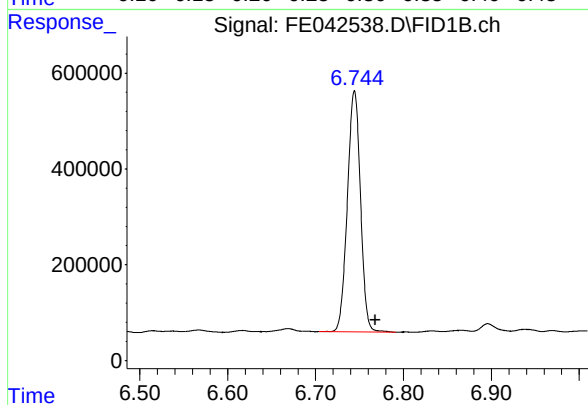
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.025 min
Response: 4311982
Conc: 29.13 ug/ml



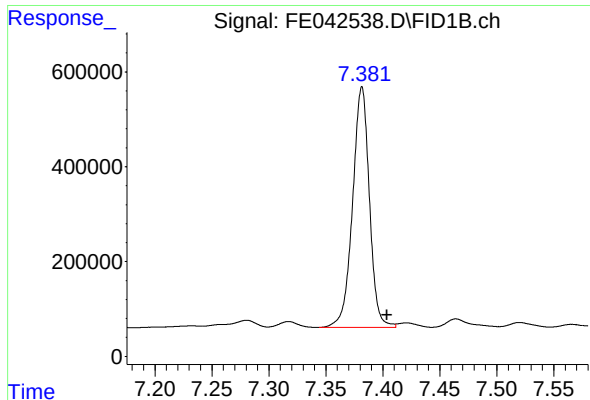
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.023 min
Response: 4900114
Conc: 30.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.024 min
Response: 5221022
Conc: 34.82 ug/ml



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

R.T.: 7.382 min
Delta R.T.: -0.022 min
Response: 5216111
Conc: 32.87 ug/ml

Instrument :

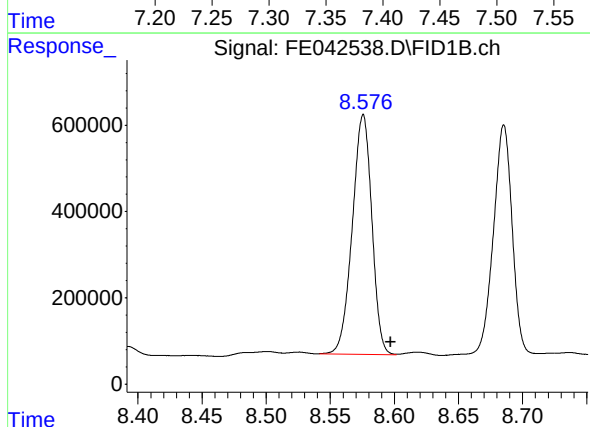
FID_E

ClientSampleId :

NB-8-060823MS

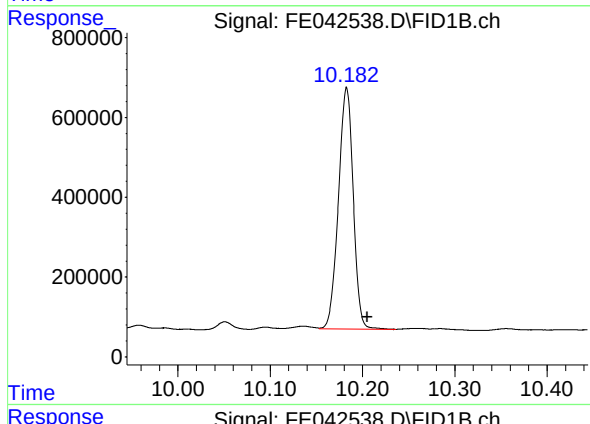
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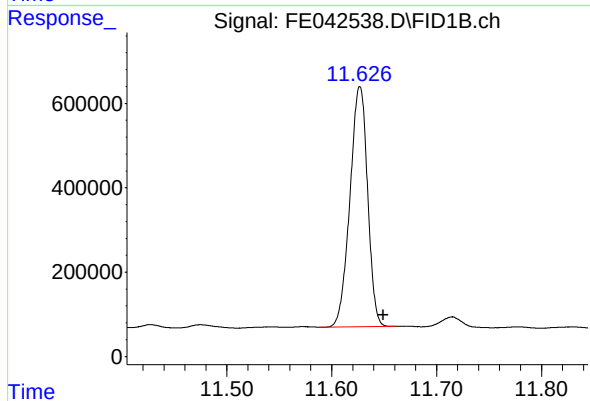
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.022 min
Response: 5887991
Conc: 39.30 ug/ml



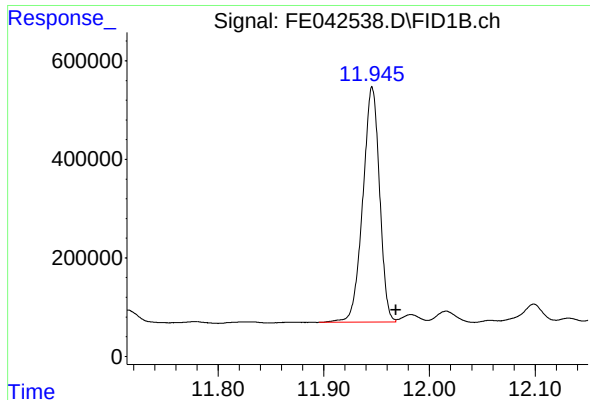
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6736892
Conc: 43.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.022 min
Response: 6657746
Conc: 42.10 ug/ml



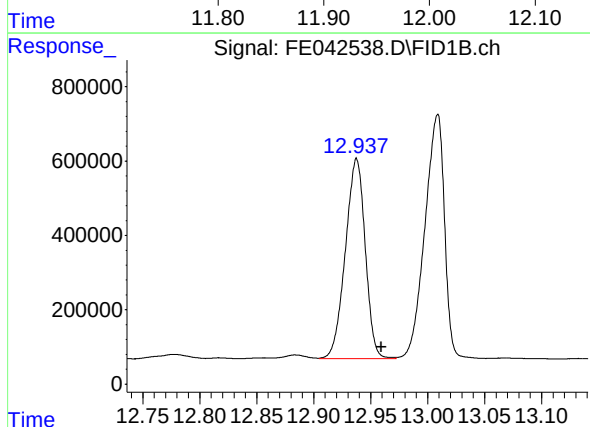
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.023 min
Response: 5253893
Conc: 29.75 ug/ml

Instrument :
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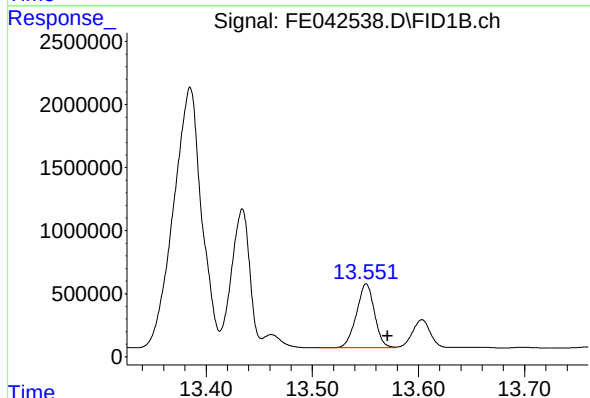
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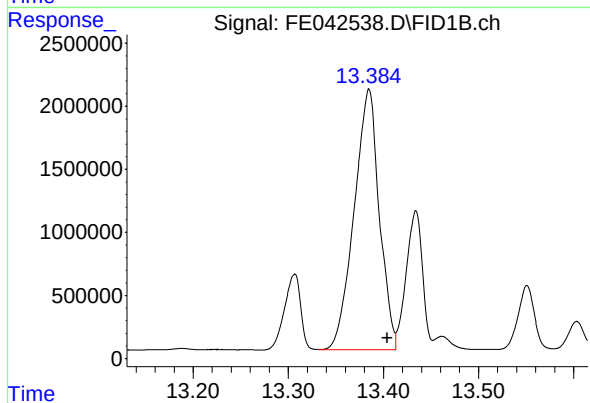
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.022 min
Response: 6514559
Conc: 42.98 ug/ml



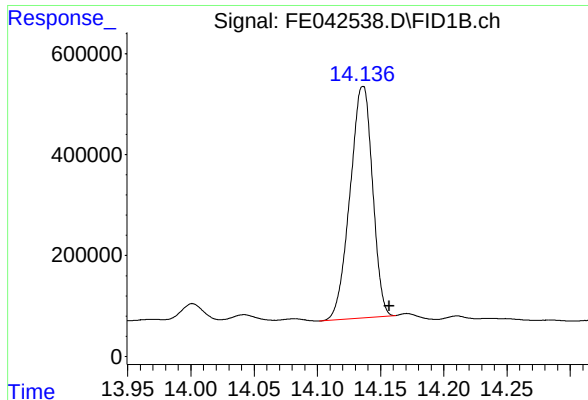
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.020 min
Response: 5929988
Conc: 40.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.019 min
Response: 37876433
Conc: 285.05 ug/ml



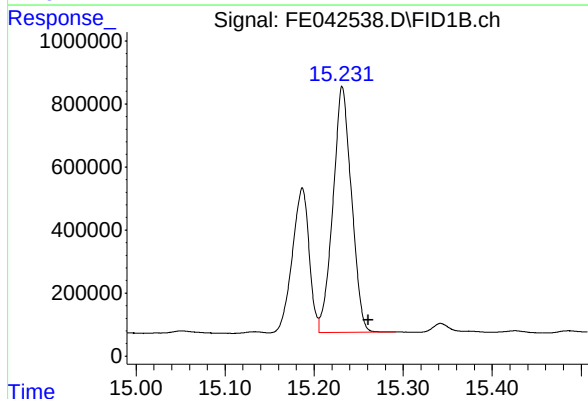
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.021 min
Response: 5688713
Conc: 38.80 ug/ml

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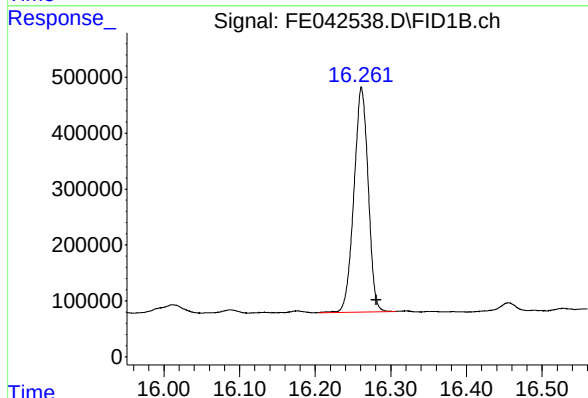
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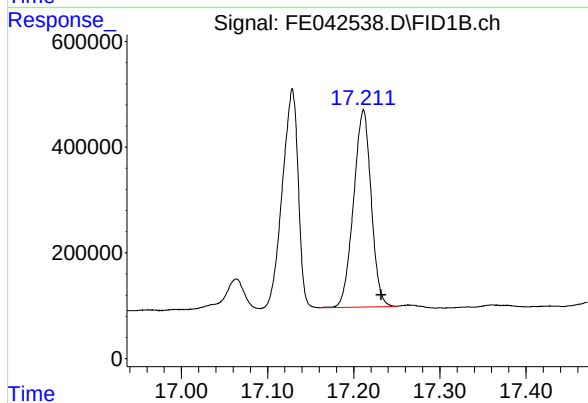
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.029 min
Response: 11272138
Conc: 78.09 ug/ml



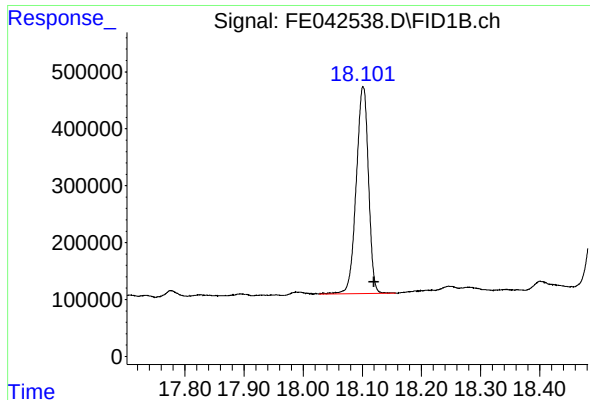
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.020 min
Response: 5271716
Conc: 38.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.021 min
Response: 5298789
Conc: 39.58 ug/ml



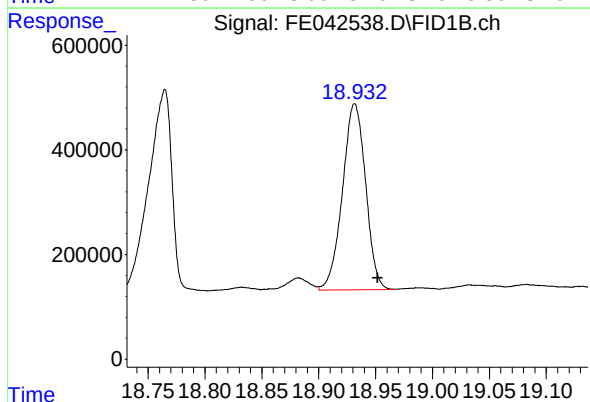
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.018 min
Response: 5226379
Conc: 38.72 ug/ml

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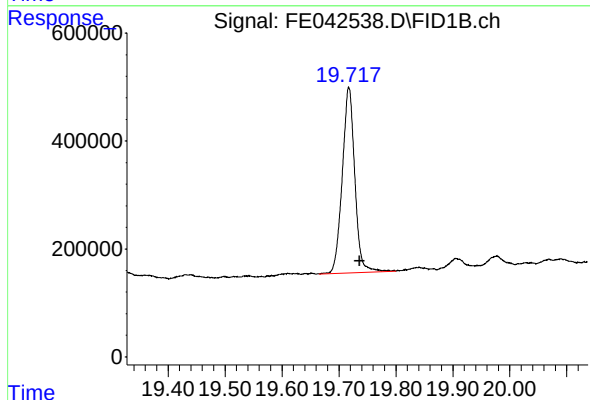
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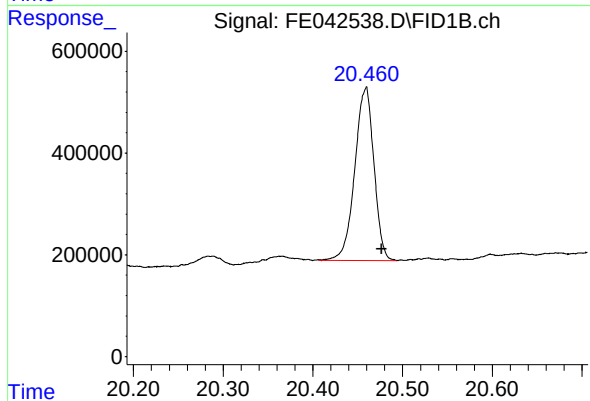
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.020 min
Response: 5035026
Conc: 37.69 ug/ml



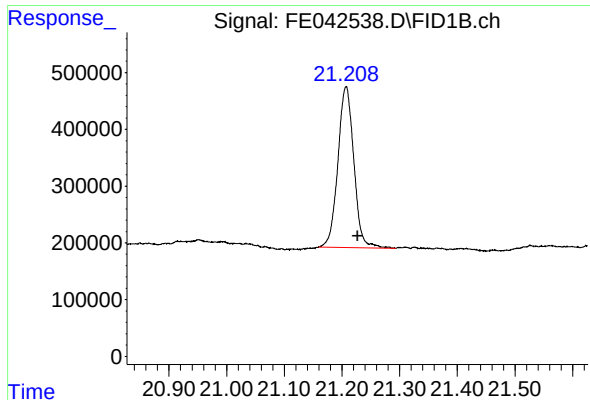
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.019 min
Response: 5277204
Conc: 40.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.017 min
Response: 5043674
Conc: 38.81 ug/ml m



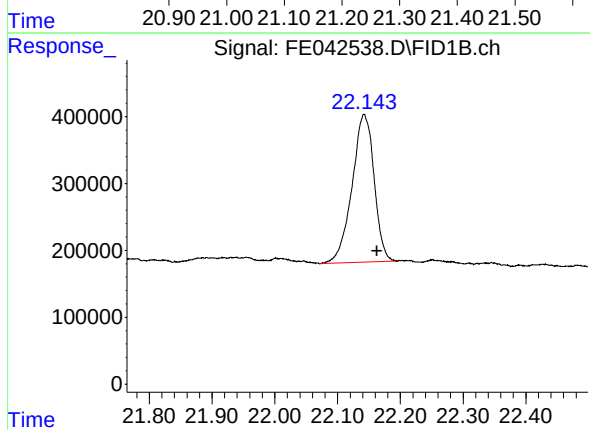
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 5439594
Conc: 40.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.020 min
Response: 5391504
Conc: 38.75 ug/ml m