

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
 Data File : FE049675.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2024 13:55
 Operator : YP\AJ
 Sample : PB162858BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162858BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :Ankita Jodhani 08/21/2024

Integration File: autoint1.e
 Quant Time: Aug 21 01:33:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.892	6250755	38.654 ug/ml
Spiked Amount	50.000	Recovery	= 77.31%
12) S 1-chlorooctadecane (S...	13.326	4843752	39.701 ug/ml
Spiked Amount	50.000	Recovery	= 79.40%
Target Compounds			
1) T n-Nonane (C9)	3.292	5651369	36.518 ug/ml
2) T n-Decane (C10)	4.536	5997629	37.986 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6116082	38.117 ug/ml
4) T n-Dodecane (C12)	6.698	6161896	39.196 ug/ml
5) T A~2-methylnaphthalene...	7.334	5872644	39.215 ug/ml
6) T n-Tetradecane (C14)	8.525	6144204	39.799 ug/ml
7) T n-Hexadecane (C16)	10.130	6035197	38.642 ug/ml
8) T n-Octadecane (C18)	11.573	6086566	38.755 ug/ml
10) T n-Eicosane (C20)	12.882	6107154	40.903 ug/ml
11) T n-Heneicosane (C21)	13.493	5951335	40.569 ug/ml
13) T n-Docosane (C22)	14.078	5900944	40.486 ug/ml
14) T n-Tetracosane (C24)	15.176	10917614	75.053 ug/ml
15) T n-Hexacosane (C26)	16.201	5855012	40.568 ug/ml
16) T n-Octacosane (C28)	17.149	6368430	44.213 ug/ml
17) T n-Tricontane (C30)	18.037	6006797	40.125 ug/ml
18) T n-Dotriacontane (C32)	18.869	5964959	39.429 ug/ml
19) T n-Tetratriacontane (C34)	19.651	5979749	39.114 ug/ml
20) T n-Hexatriacontane (C36)	20.392	5770712	38.002 ug/ml
21) T n-Octatriacontane (C38)	21.120	5947948	37.896 ug/ml
22) T n-Tetracontane (C40)	22.017	6445401	42.215 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162858BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

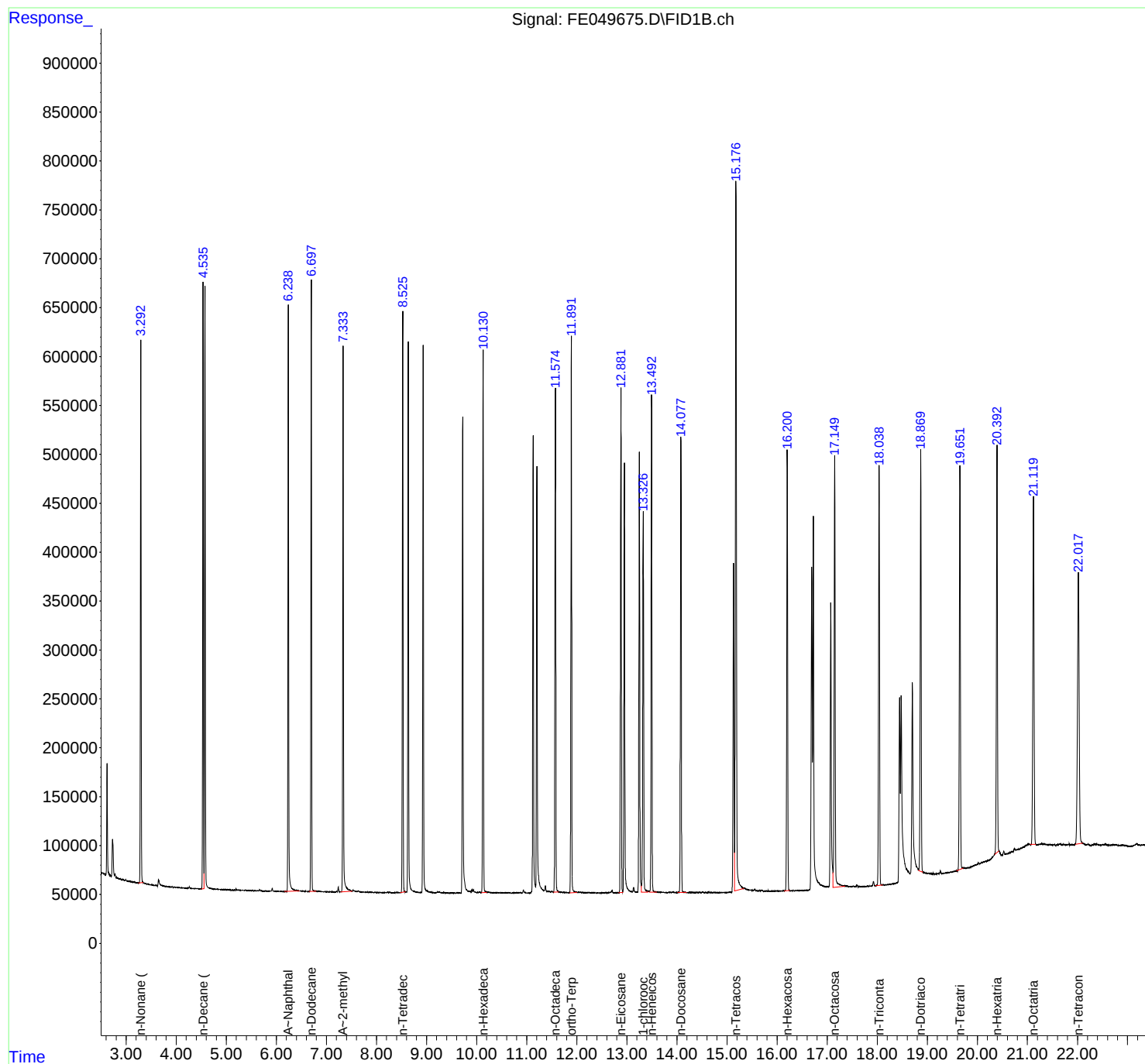
Instrument :
FID_E
ClientSampleId :
PB162858BSD

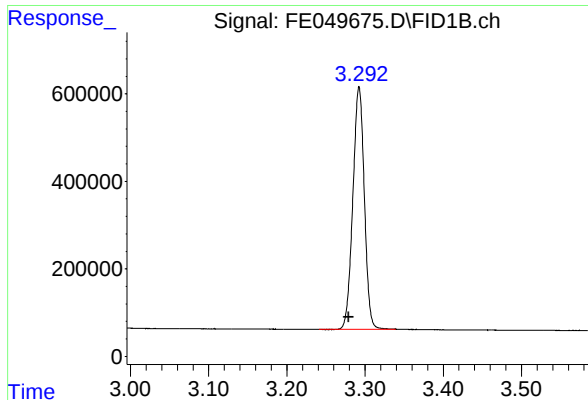
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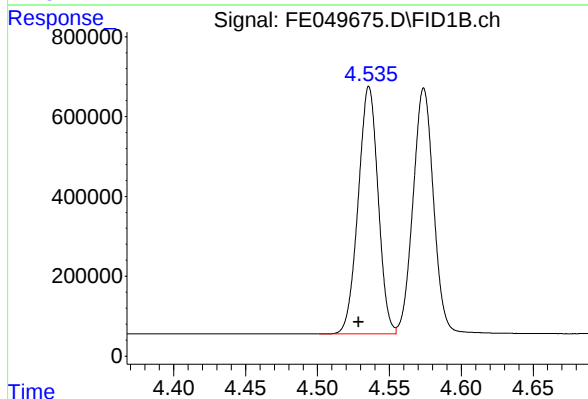
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.013 min
Response: 5651369
Conc: 36.52 ug/ml

Instrument :
FID_E
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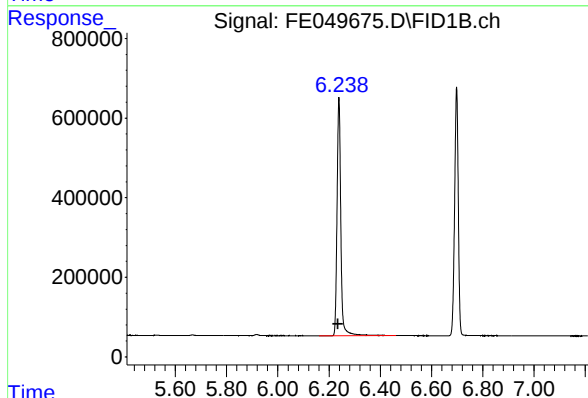
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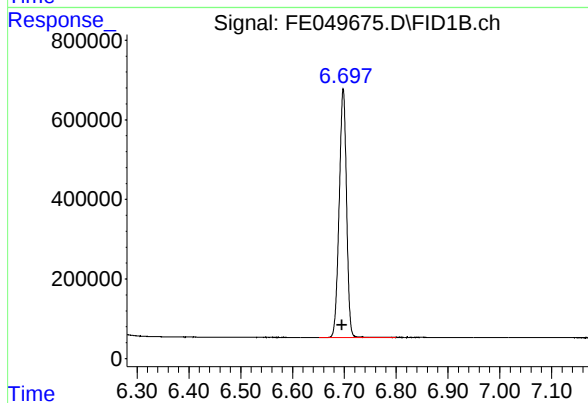
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: 0.007 min
Response: 5997629
Conc: 37.99 ug/ml



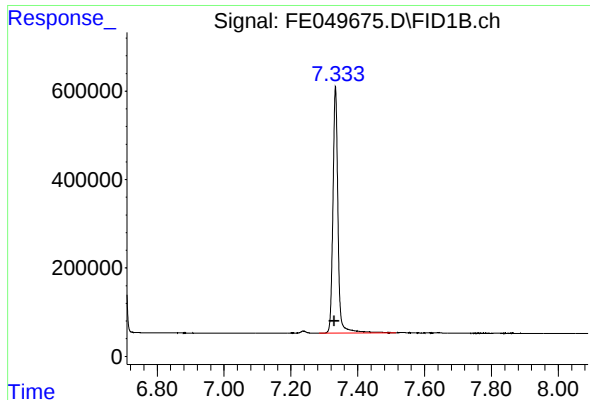
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 6116082
Conc: 38.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 6161896
Conc: 39.20 ug/ml



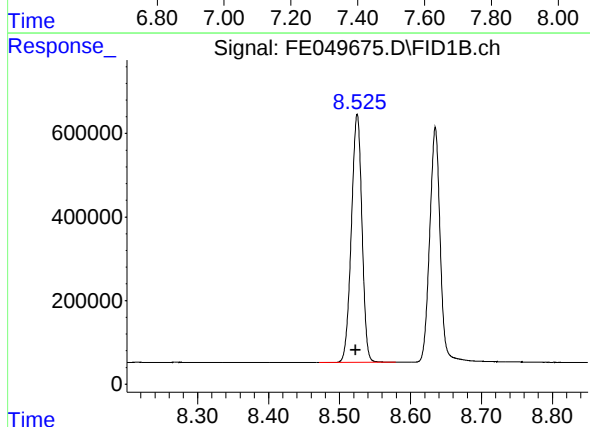
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 5872644
Conc: 39.22 ug/ml

Instrument :
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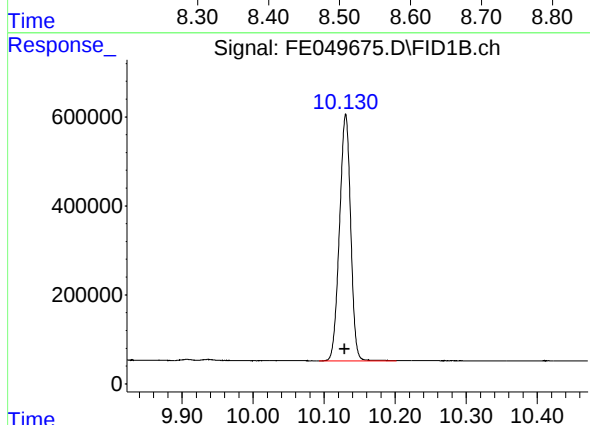
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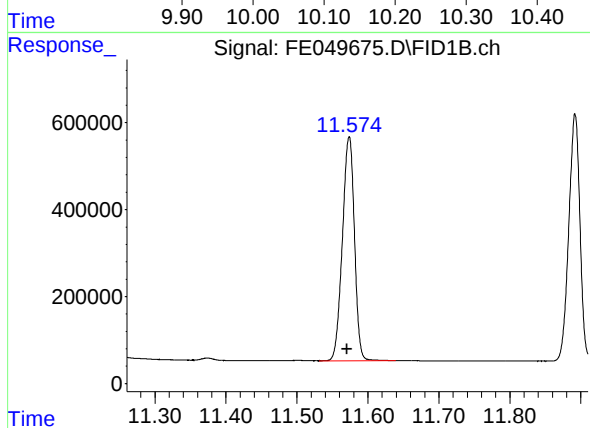
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 6144204
Conc: 39.80 ug/ml



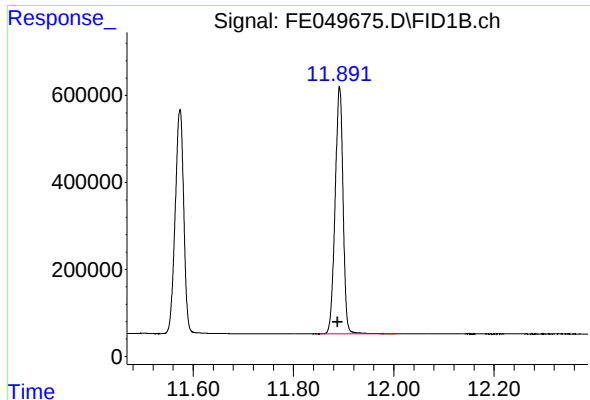
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.001 min
Response: 6035197
Conc: 38.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.003 min
Response: 6086566
Conc: 38.75 ug/ml



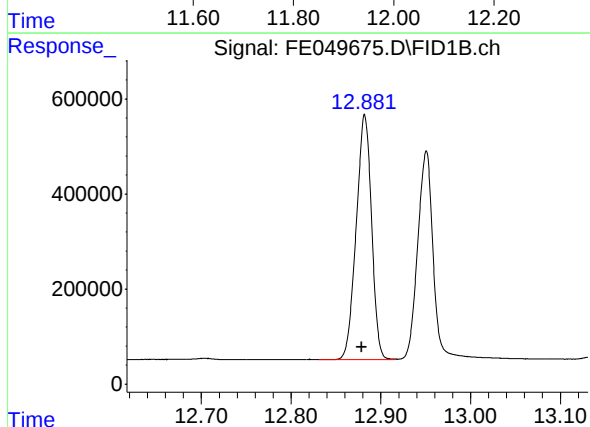
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: 0.003 min
Response: 6250755
Conc: 38.65 ug/ml

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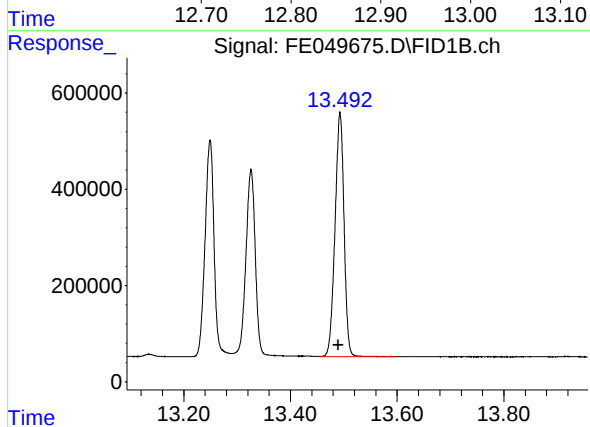
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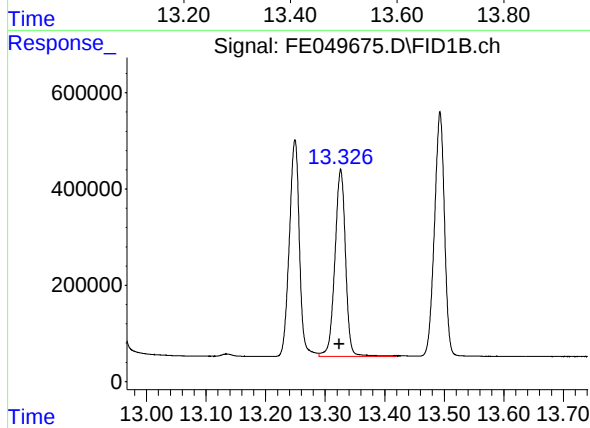
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 6107154
Conc: 40.90 ug/ml



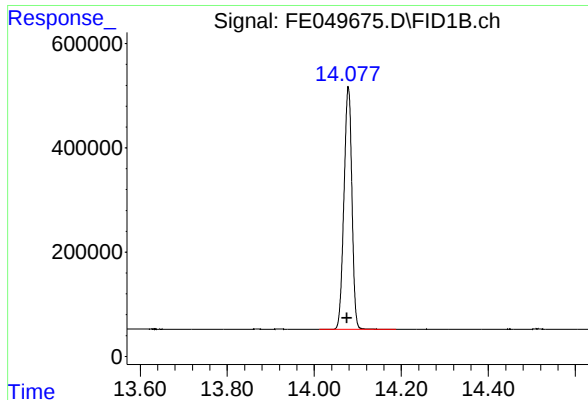
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 5951335
Conc: 40.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: 0.003 min
Response: 4843752
Conc: 39.70 ug/ml



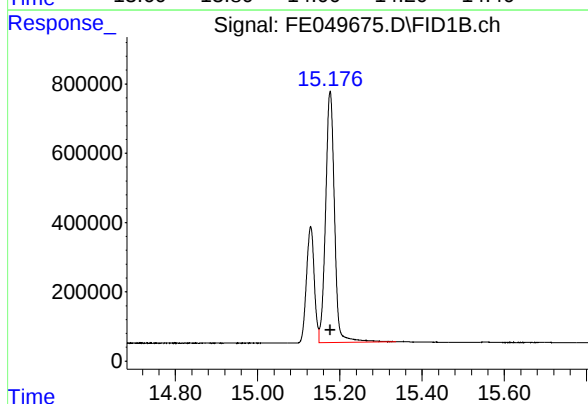
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.003 min
Response: 5900944
Conc: 40.49 ug/ml

Instrument :
FID_E
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PB162858BSD

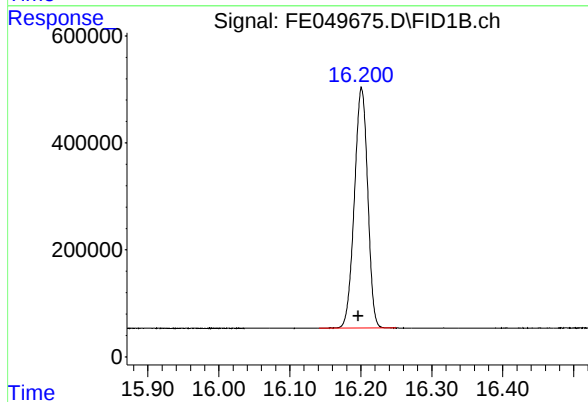
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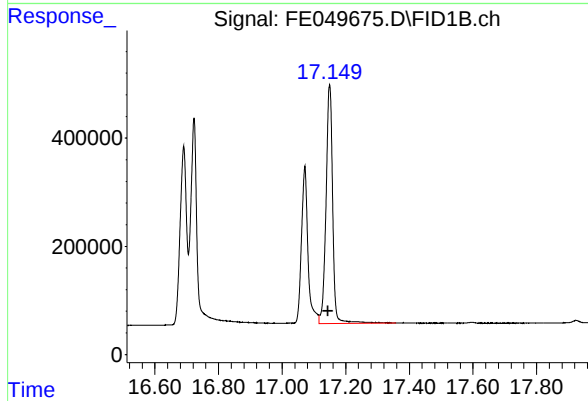
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 10917614
Conc: 75.05 ug/ml



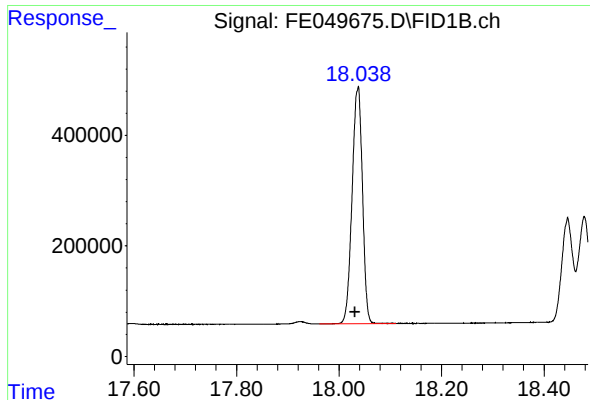
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 5855012
Conc: 40.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.004 min
Response: 6368430
Conc: 44.21 ug/ml



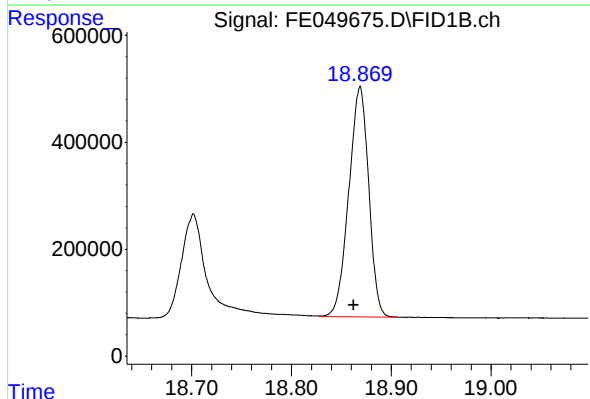
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: 0.005 min
Response: 6006797
Conc: 40.12 ug/ml

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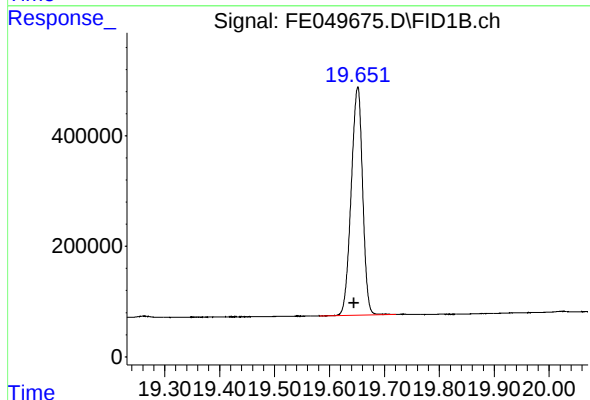
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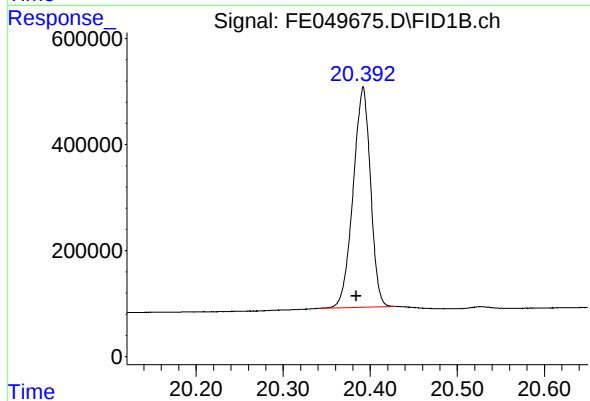
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.006 min
Response: 5964959
Conc: 39.43 ug/ml



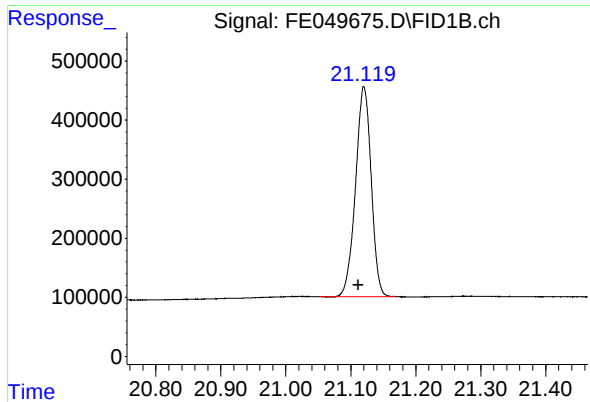
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 5979749
Conc: 39.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.008 min
Response: 5770712
Conc: 38.00 ug/ml



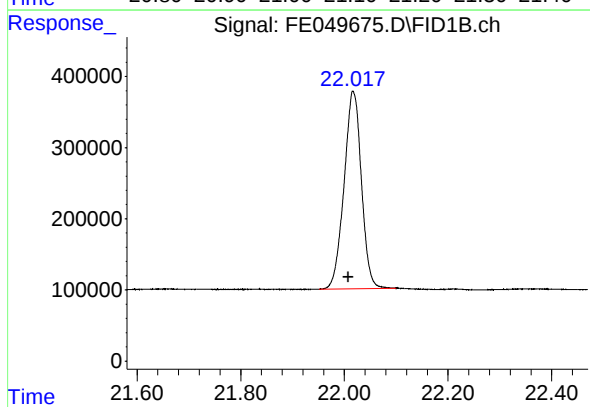
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.009 min
Response: 5947948
Conc: 37.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.010 min
Response: 6445401
Conc: 42.22 ug/ml