

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061324AL\
 Data File : FE048709.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2024 21:42
 Operator : YP\AJ
 Sample : P2864-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-IMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 01:21:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 Qlast Update : Fri May 24 16:28:51 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)	11.940	4658111	32.439 ug/ml
Spiked Amount 50.000		Recovery =	64.88%
12) S 1-chlorooctadecane (S...	13.375	3964432	36.390 ug/ml
Spiked Amount 50.000		Recovery =	72.78%
Target Compounds			
1) T n-Nonane (C9)	3.329	3939134	26.348 ug/ml
2) T n-Decane (C10)	4.579	4399699	29.137 ug/ml
3) T A~Naphthalene (C11.7)	6.283	4930967	33.116 ug/ml
4) T n-Dodecane (C12)	6.743	4596478	31.052 ug/ml
5) T A~2-methylnaphthalene...	7.379	5075722	36.607 ug/ml
6) T n-Tetradecane (C14)	8.572	5006758	35.300 ug/ml
7) T n-Hexadecane (C16)	10.178	5126244	36.362 ug/ml
8) T n-Octadecane (C18)	11.621	5081551	36.588 ug/ml
10) T n-Eicosane (C20)	12.930	5077067	38.365 ug/ml
11) T n-Heneicosane (C21)	13.541	4876700	37.649 ug/ml
13) T n-Docosane (C22)	14.128	4878810	37.861 ug/ml
14) T n-Tetracosane (C24)	15.220	8903107	68.723 ug/ml
15) T n-Hexacosane (C26)	16.251	4867485	37.556 ug/ml
16) T n-Octacosane (C28)	17.200	5100593	39.462 ug/ml
17) T n-Tricontane (C30)	18.086	5004228	37.356 ug/ml
18) T n-Dotriacontane (C32)	18.919	5101664	37.584 ug/ml
19) T n-Tetratriacontane (C34)	19.700	5187939	37.923 ug/ml
20) T n-Hexatriacontane (C36)	20.441	5137697	37.795 ug/ml
21) T n-Octatriacontane (C38)	21.180	5218528	38.267 ug/ml
22) T n-Tetracontane (C40)	22.094	5483139	40.046 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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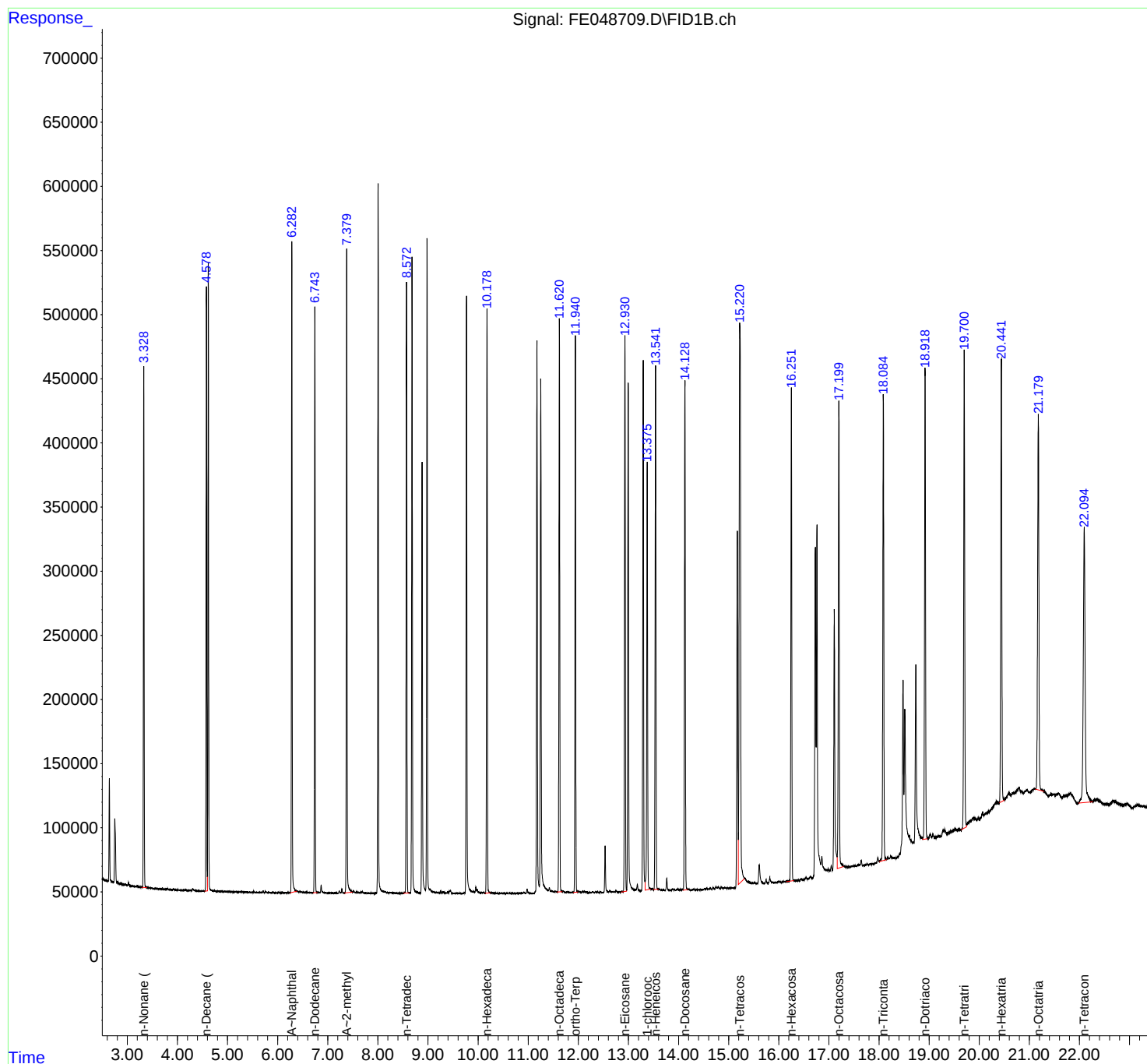
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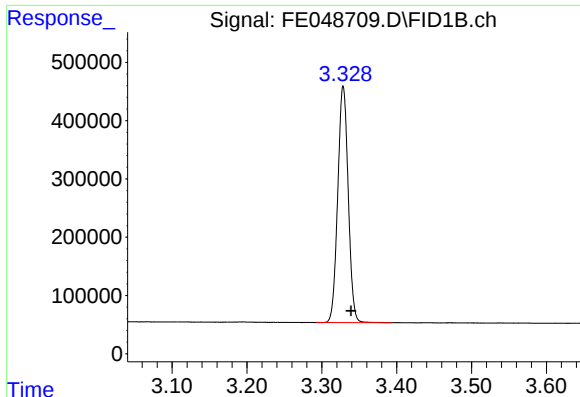
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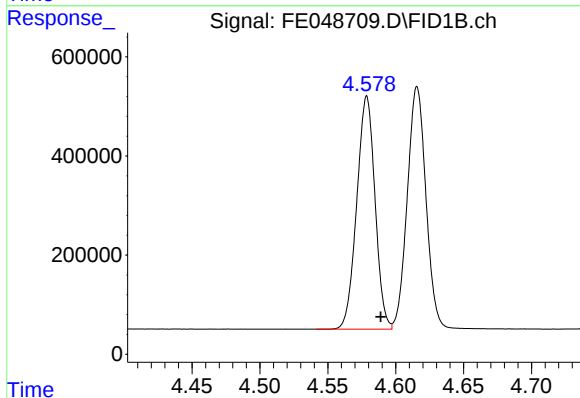
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 3939134
Conc: 26.35 ug/ml

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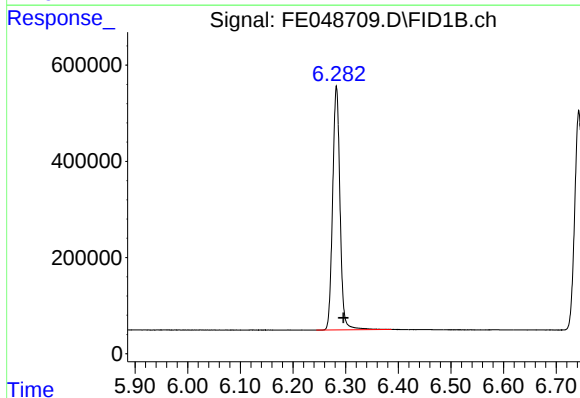
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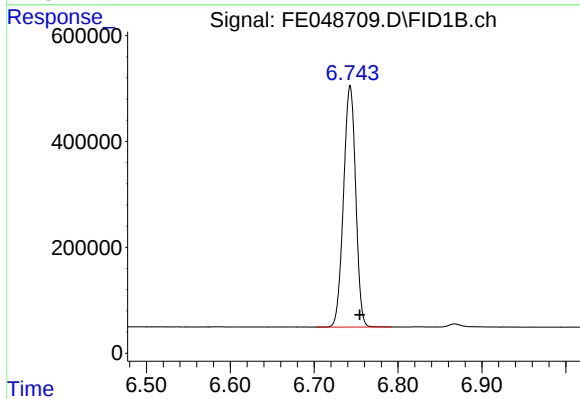
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 4399699
Conc: 29.14 ug/ml



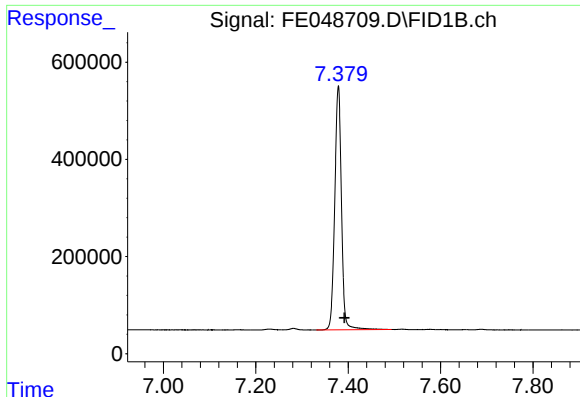
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 4930967
Conc: 33.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 4596478
Conc: 31.05 ug/ml



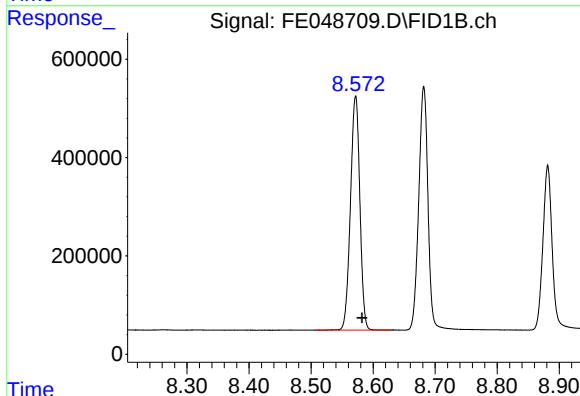
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.013 min
Response: 5075722
Conc: 36.61 ug/ml

Instrument :
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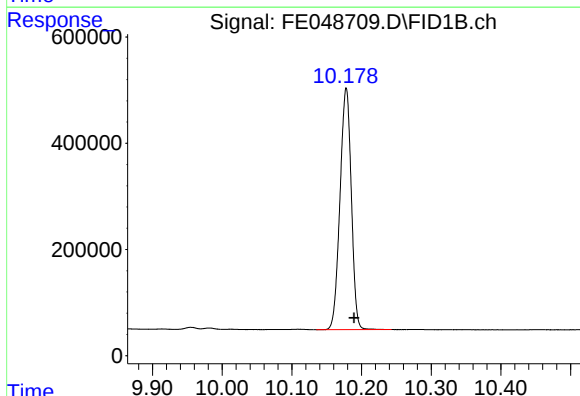
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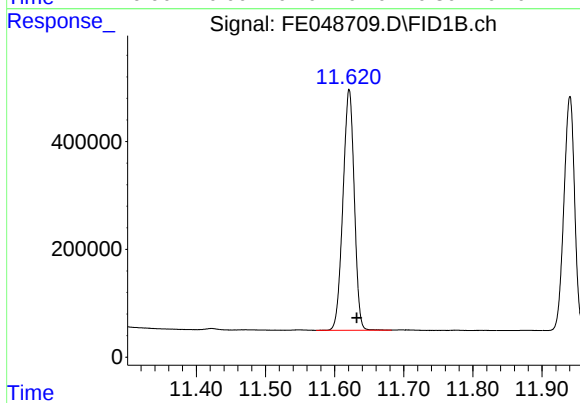
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 5006758
Conc: 35.30 ug/ml



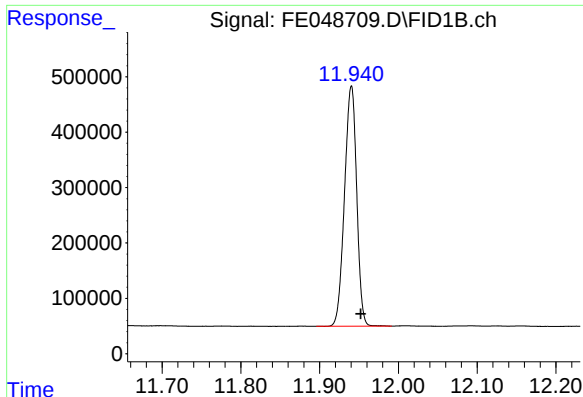
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.011 min
Response: 5126244
Conc: 36.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.011 min
Response: 5081551
Conc: 36.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.012 min
Response: 4658111
Conc: 32.44 ug/ml

Instrument :

FID_E

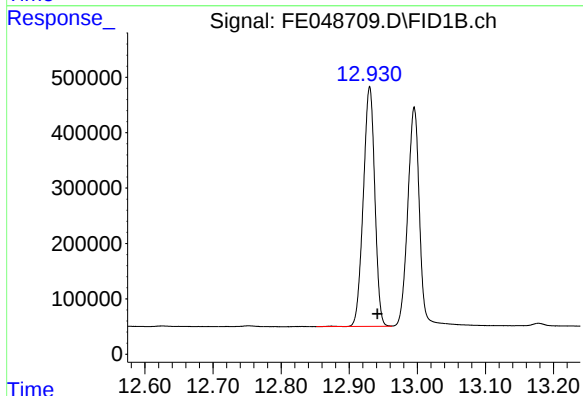
ClientSampleId :

WC-IMS

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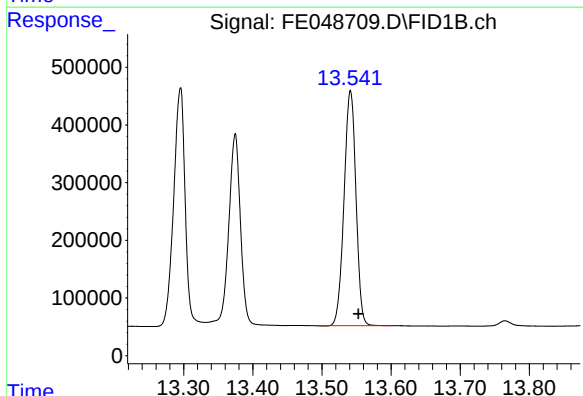
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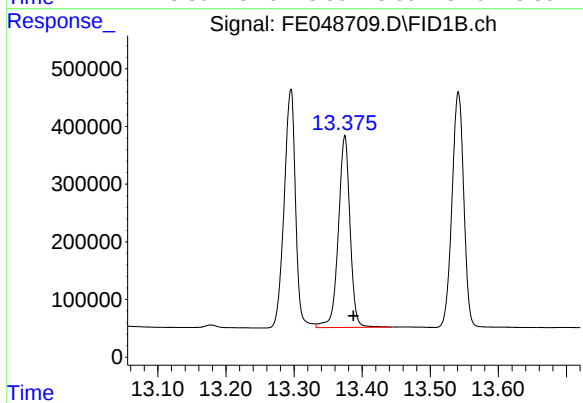
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 5077067
Conc: 38.37 ug/ml



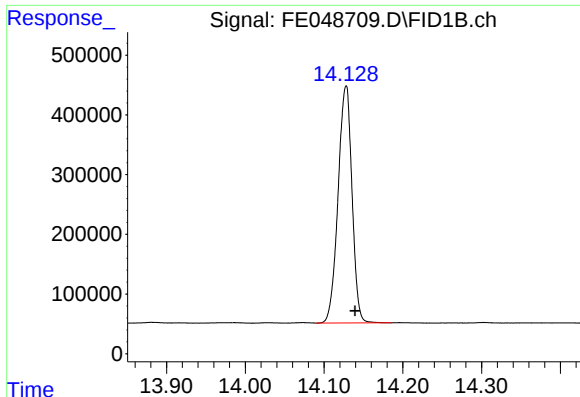
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.011 min
Response: 4876700
Conc: 37.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.012 min
Response: 3964432
Conc: 36.39 ug/ml



#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.011 min
Response: 4878810
Conc: 37.86 ug/ml

Instrument :

FID_E

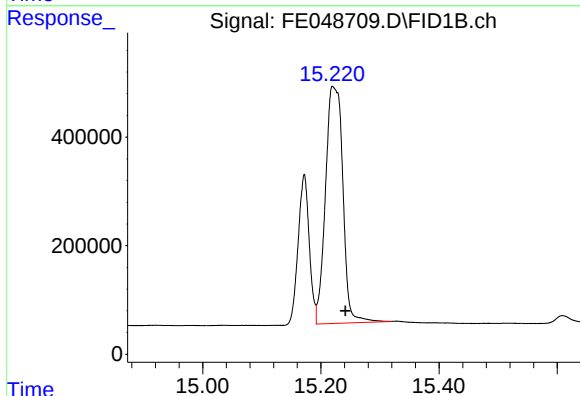
ClientSampleId :

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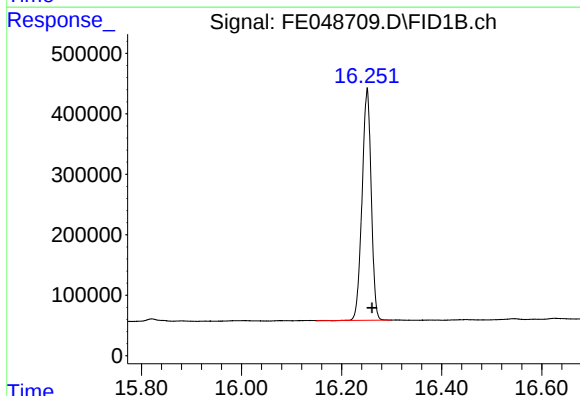
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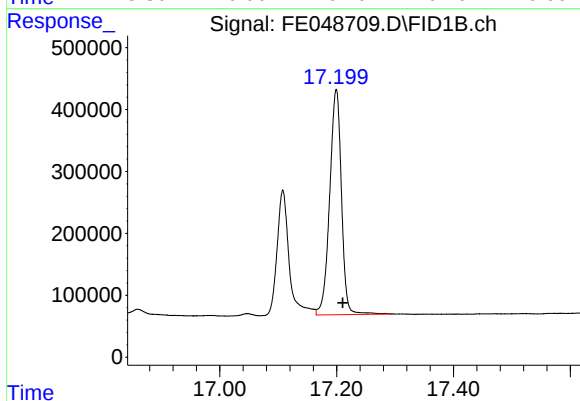
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.021 min
Response: 8903107
Conc: 68.72 ug/ml



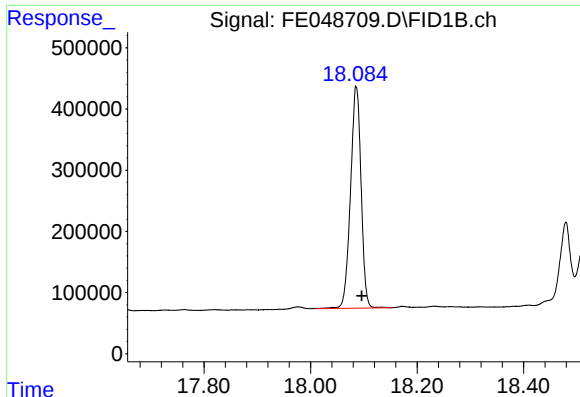
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 4867485
Conc: 37.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.011 min
Response: 5100593
Conc: 39.46 ug/ml



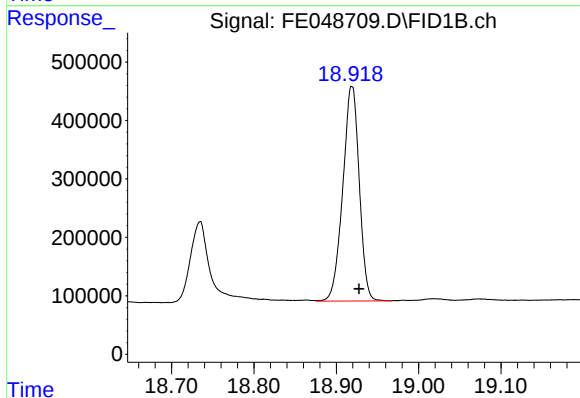
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.011 min
Response: 5004228
Conc: 37.36 ug/ml

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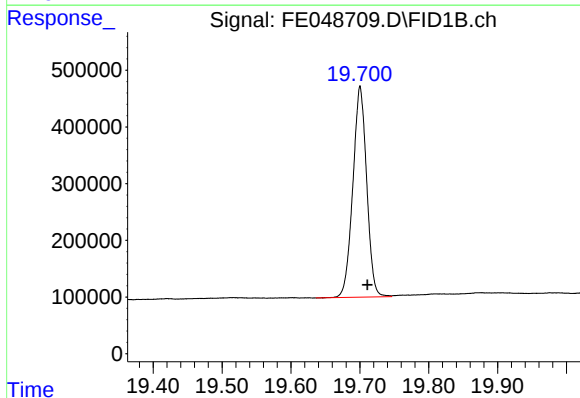
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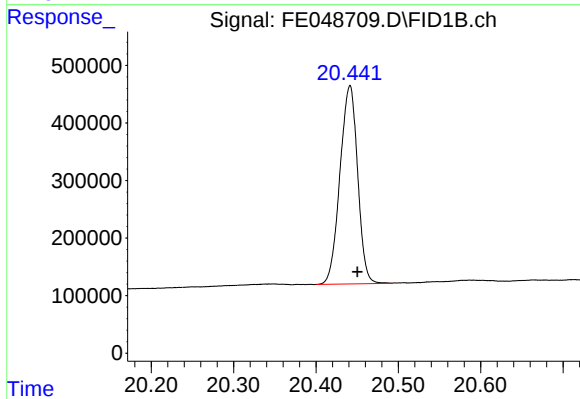
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.009 min
Response: 5101664
Conc: 37.58 ug/ml



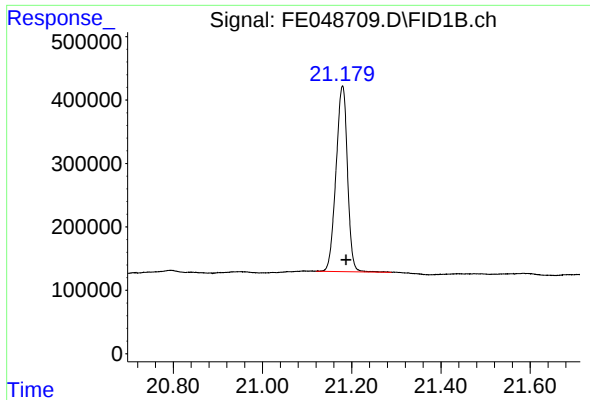
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 5187939
Conc: 37.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 5137697
Conc: 37.80 ug/ml



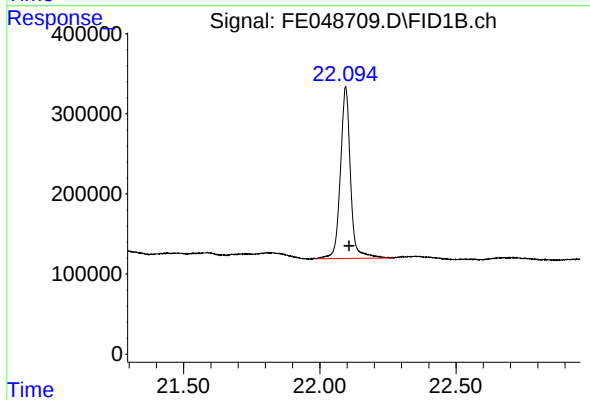
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.008 min
Response: 5218528
Conc: 38.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.013 min
Response: 5483139
Conc: 40.05 ug/ml m