

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE047991.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 18:15
 Operator : YP\AJ
 Sample : P2378-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-05032024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2024
 Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
 Quant Time: May 07 01:31:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.976	3996513	27.703 ug/ml
Spiked Amount 50.000		Recovery =	55.41%
12) S 1-chlorooctadecane (S...	13.409	3581481	32.052 ug/mlm
Spiked Amount 50.000		Recovery =	64.10%
Target Compounds			
1) T n-Nonane (C9)	3.353	4076310	31.629 ug/ml
2) T n-Decane (C10)	4.606	4594364	34.897 ug/ml
3) T A~Naphthalene (C11.7)	6.315	4954477	35.881 ug/ml
4) T n-Dodecane (C12)	6.773	5014865	37.618 ug/ml
5) T A~2-methylnaphthalene...	7.412	5119705	38.472 ug/ml
6) T n-Tetradecane (C14)	8.603	5422022	40.914 ug/ml
7) T n-Hexadecane (C16)	10.210	5745034	41.772 ug/ml
8) T n-Octadecane (C18)	11.654	5949742	42.713 ug/mlm
10) T n-Eicosane (C20)	12.965	6091488	45.242 ug/mlm
11) T n-Heneicosane (C21)	13.577	5827288	44.021 ug/ml
13) T n-Docosane (C22)	14.163	5867580	44.277 ug/ml
14) T n-Tetracosane (C24)	15.262	10083268	75.727 ug/ml
15) T n-Hexacosane (C26)	16.288	5775999	43.284 ug/ml
16) T n-Octacosane (C28)	17.238	6067252	45.568 ug/ml
17) T n-Tricontane (C30)	18.125	6075994	44.025 ug/ml
18) T n-Dotriacontane (C32)	18.958	5864804	42.460 ug/ml
19) T n-Tetratriacontane (C34)	19.743	6093768	44.734 ug/ml
20) T n-Hexatriacontane (C36)	20.482	6254831	46.195 ug/ml
21) T n-Octatriacontane (C38)	21.228	6125938	44.369 ug/ml
22) T n-Tetracontane (C40)	22.161	5967226	42.831 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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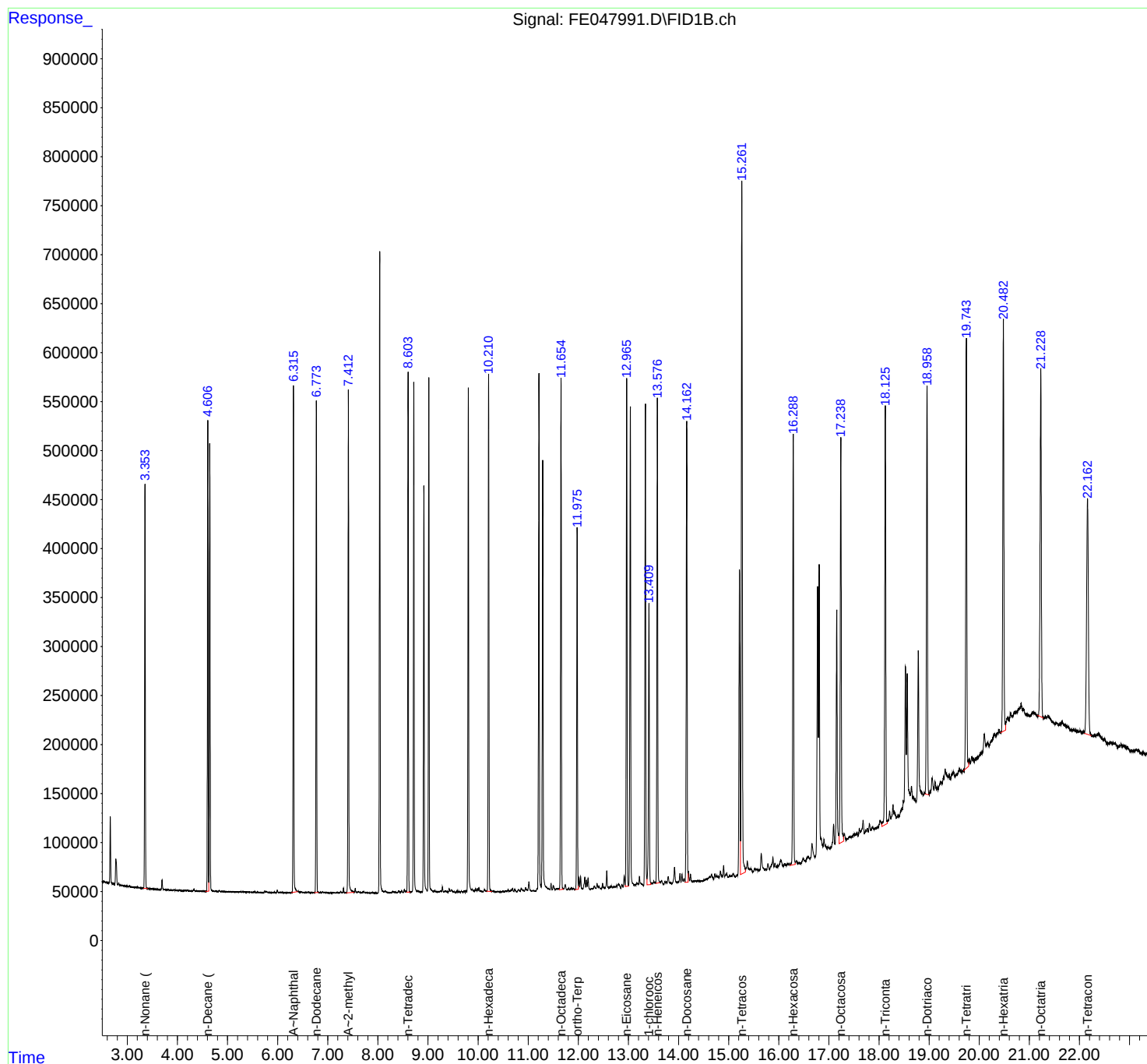
Instrument :
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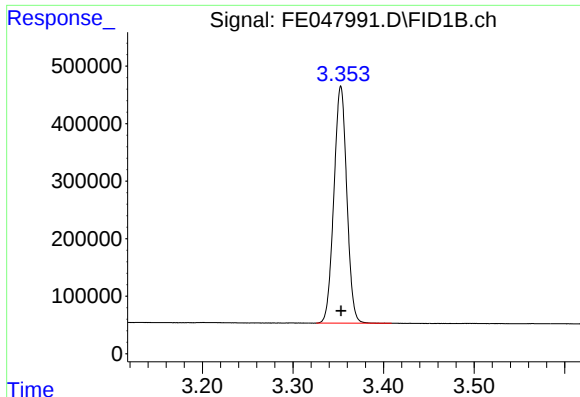
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#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 4076310
Conc: 31.63 ug/ml

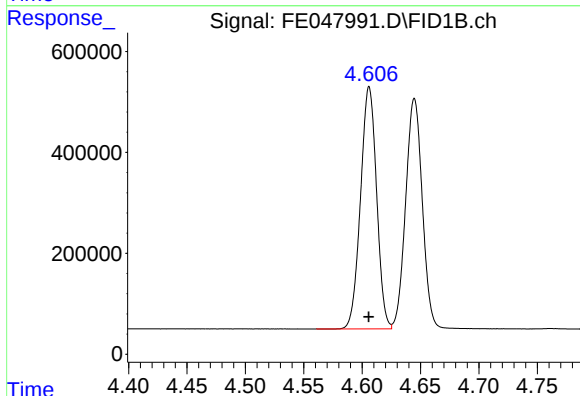
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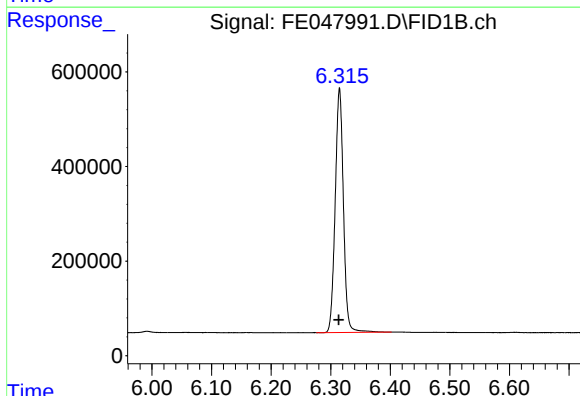
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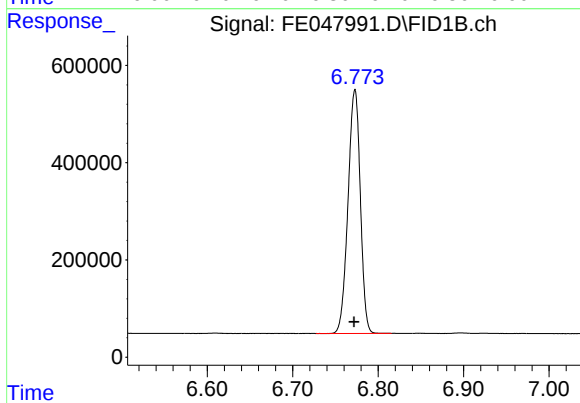
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 4594364
Conc: 34.90 ug/ml



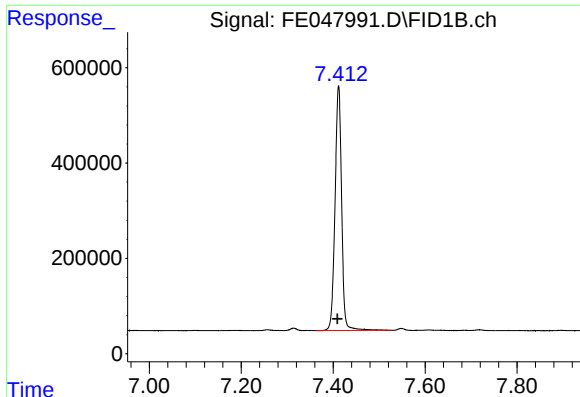
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 4954477
Conc: 35.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 5014865
Conc: 37.62 ug/ml



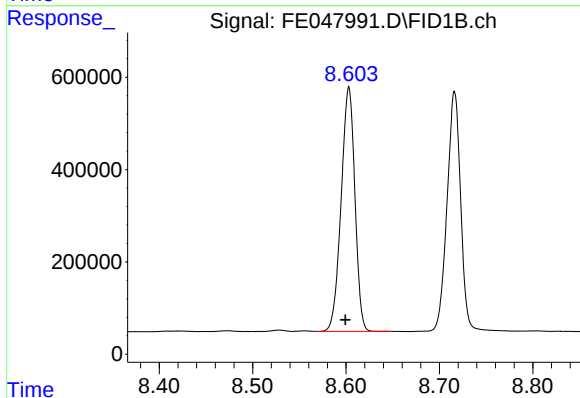
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: 0.003 min
Response: 5119705
Conc: 38.47 ug/ml

Instrument :
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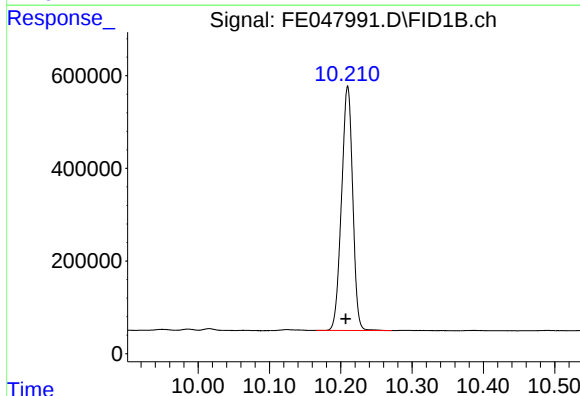
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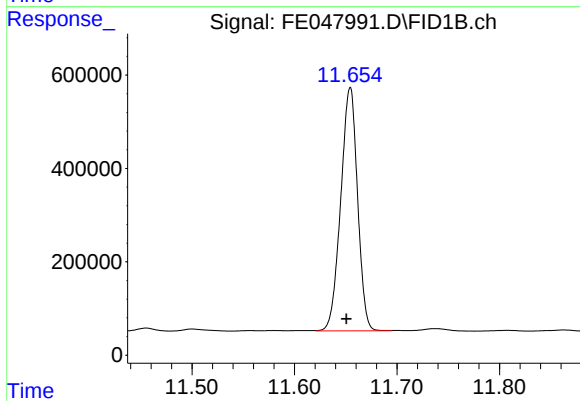
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 5422022
Conc: 40.91 ug/ml



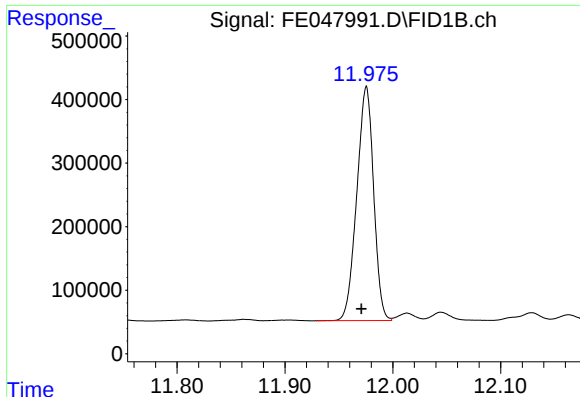
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 5745034
Conc: 41.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.004 min
Response: 5949742
Conc: 42.71 ug/ml m



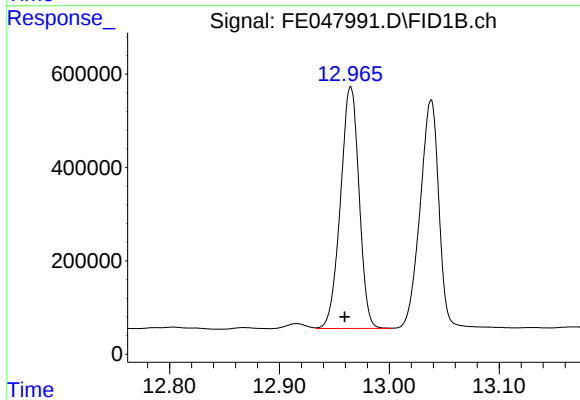
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.004 min
Response: 3996513
Conc: 27.70 ug/ml

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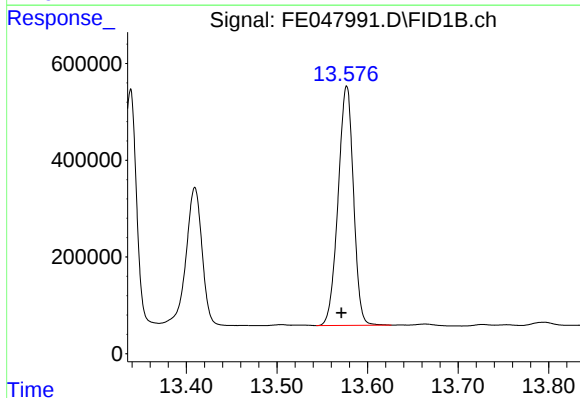
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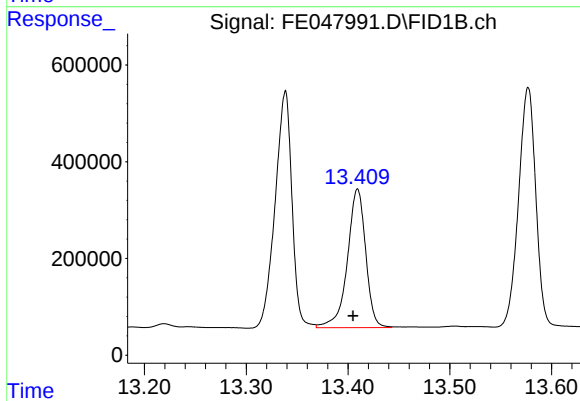
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 6091488
Conc: 45.24 ug/ml m



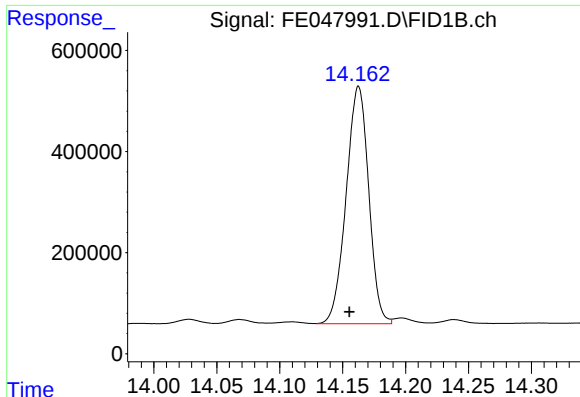
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.006 min
Response: 5827288
Conc: 44.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 3581481
Conc: 32.05 ug/ml m



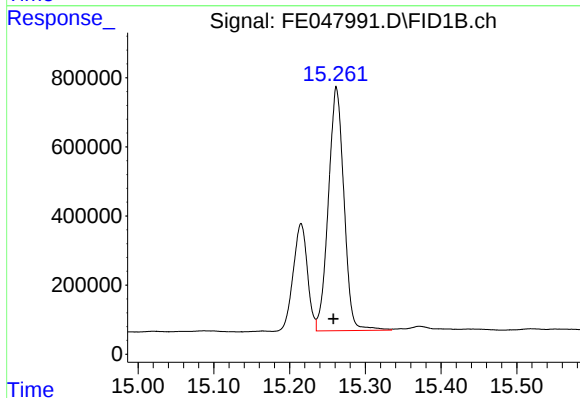
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.007 min
Response: 5867580
Conc: 44.28 ug/ml

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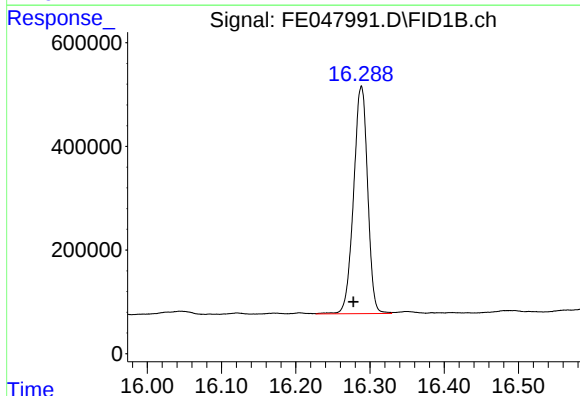
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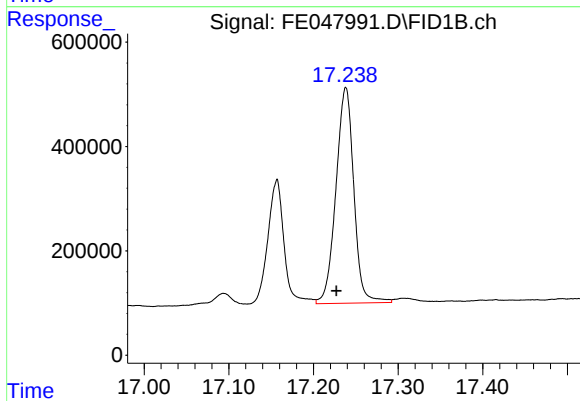
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.004 min
Response: 10083268
Conc: 75.73 ug/ml



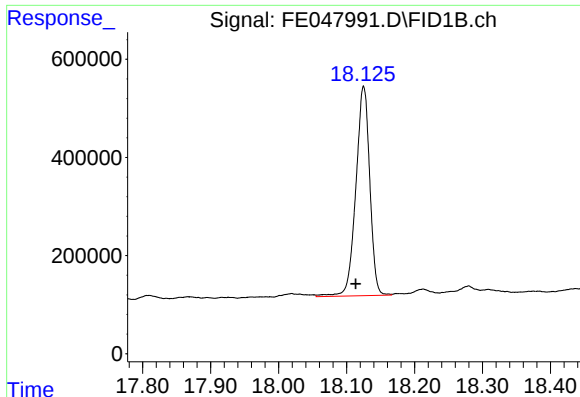
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.010 min
Response: 5775999
Conc: 43.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.011 min
Response: 6067252
Conc: 45.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 6075994
Conc: 44.02 ug/ml

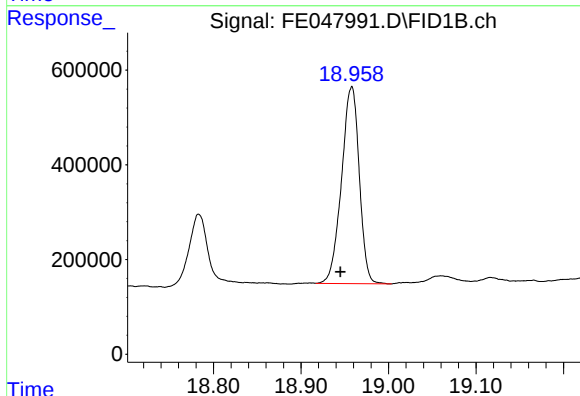
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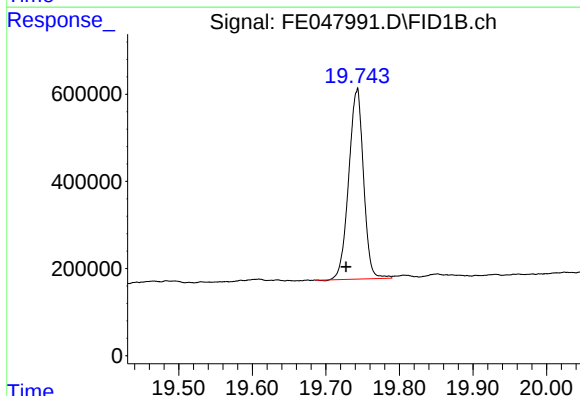
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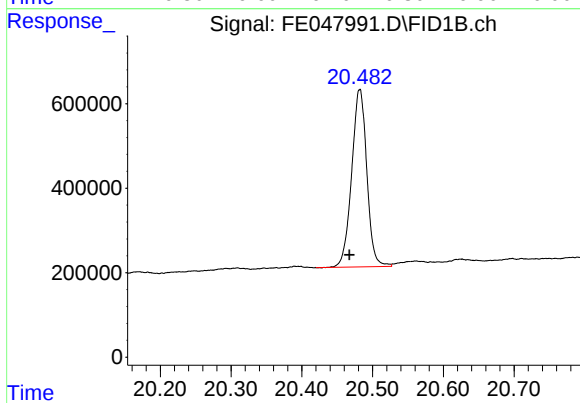
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.013 min
Response: 5864804
Conc: 42.46 ug/ml



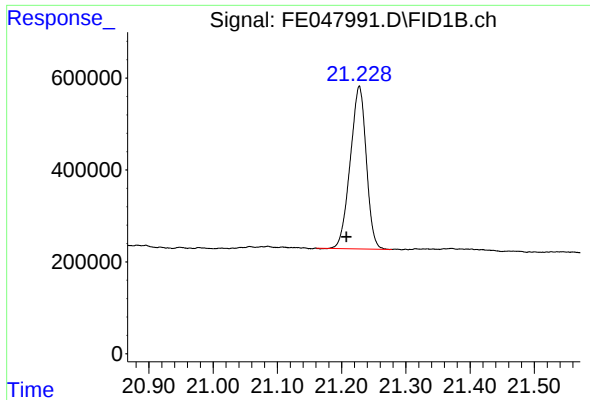
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.015 min
Response: 6093768
Conc: 44.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.015 min
Response: 6254831
Conc: 46.20 ug/ml



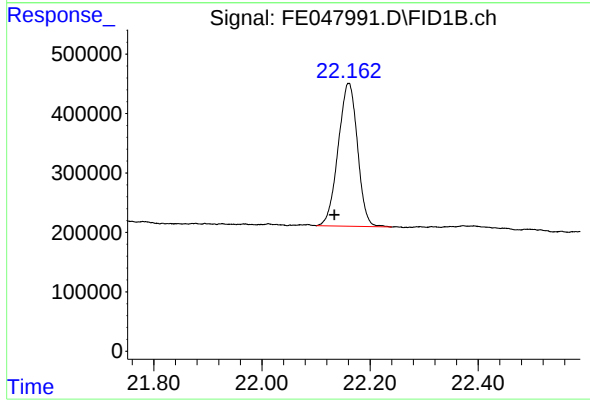
#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: 0.020 min
Response: 6125938
Conc: 44.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.026 min
Response: 5967226
Conc: 42.83 ug/ml