

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041490.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 21:47
 Operator : YP\AJ
 Sample : 02423-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 04:06:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	3627057	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	13.418	2771785	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.380	6773877	46.082 ug/ml
2) T n-Decane (C10)	4.623	6835358	45.575 ug/ml
3) T A~Naphthalene (C11.7)	6.322	7499415	45.317 ug/ml
4) T n-Dodecane (C12)	6.783	6987643	45.958 ug/ml
5) T A~2-methylnaphthalene...	7.418	7076471	43.886 ug/ml
6) T n-Tetradecane (C14)	8.613	6905162	45.457 ug/ml
7) T n-Hexadecane (C16)	10.220	6988658	43.793 ug/ml
8) T n-Octadecane (C18)	11.664	7006084	42.743 ug/ml
10) T n-Eicosane (C20)	12.976	6827594	42.448 ug/ml
11) T n-Heneicosane (C21)	13.588	6739423	42.288 ug/ml
13) T n-Docosane (C22)	14.175	6610763	41.491 ug/ml
14) T n-Tetracosane (C24)	15.267	13143435	81.525 ug/ml
15) T n-Hexacosane (C26)	16.302	6278503	39.713 ug/ml
16) T n-Octacosane (C28)	17.251	6362314	41.348 ug/ml
17) T n-Tricontane (C30)	18.141	6316971	41.476 ug/ml
18) T n-Dotriacontane (C32)	18.972	5994697	40.239 ug/ml
19) T n-Tetratriacontane (C34)	19.757	5981775	42.461 ug/ml
20) T n-Hexatriacontane (C36)	20.497	5468516	40.892 ug/mlm
21) T n-Octatriacontane (C38)	21.254	5730385	43.368 ug/ml
22) T n-Tetracontane (C40)	22.204	5891744	46.534 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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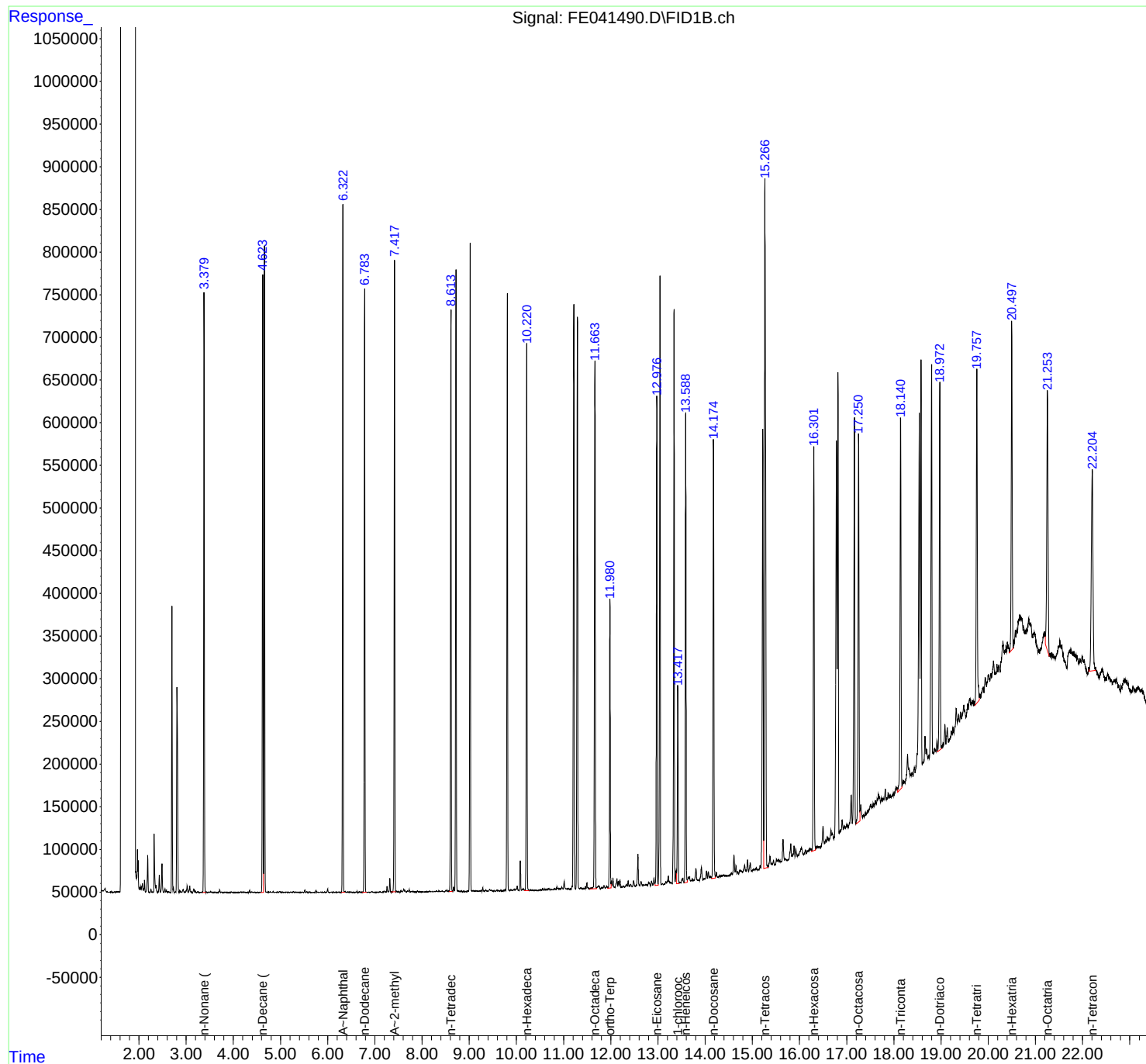
Instrument :
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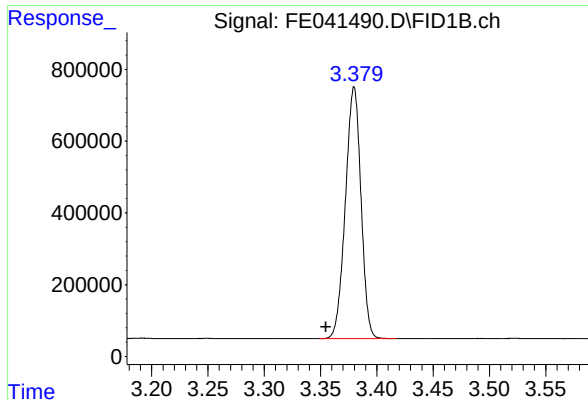
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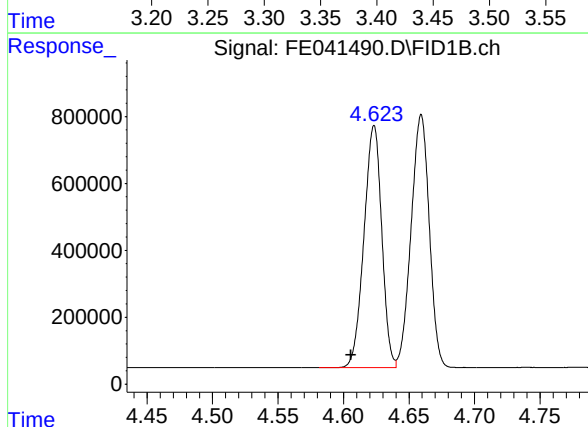
#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: 0.025 min
Response: 6773877
Conc: 46.08 ug/ml

Instrument :
FID_E
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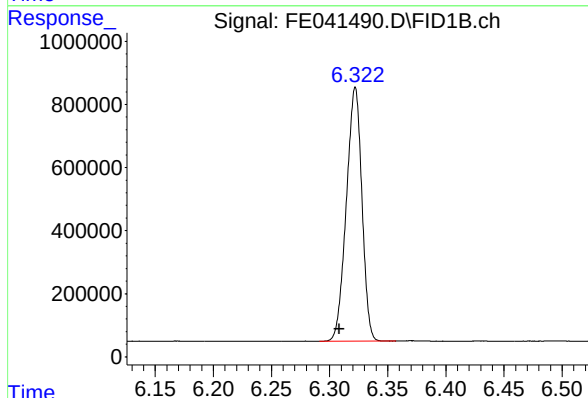
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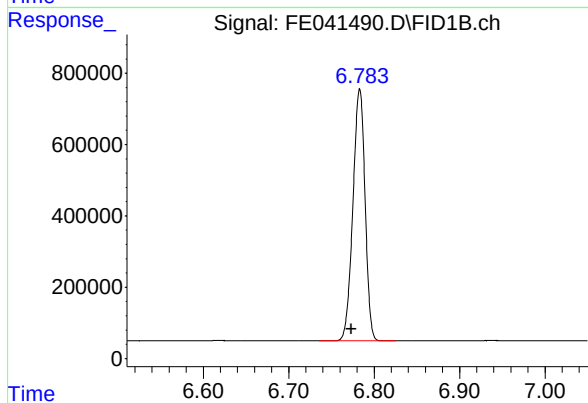
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.018 min
Response: 6835358
Conc: 45.58 ug/ml



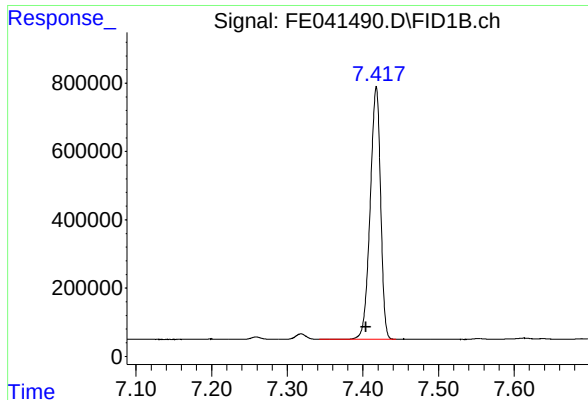
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: 0.014 min
Response: 7499415
Conc: 45.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.010 min
Response: 6987643
Conc: 45.96 ug/ml



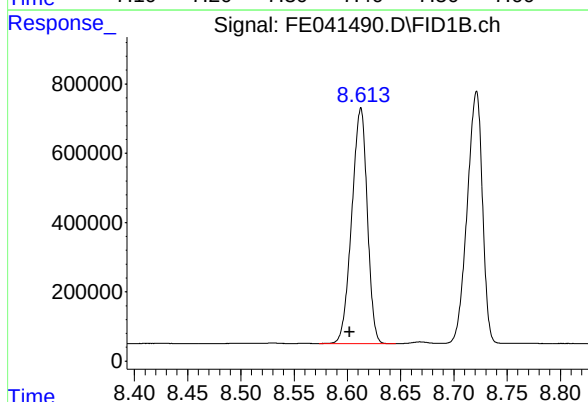
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.418 min
Delta R.T.: 0.013 min
Response: 7076471
Conc: 43.89 ug/ml

Instrument : FID_E
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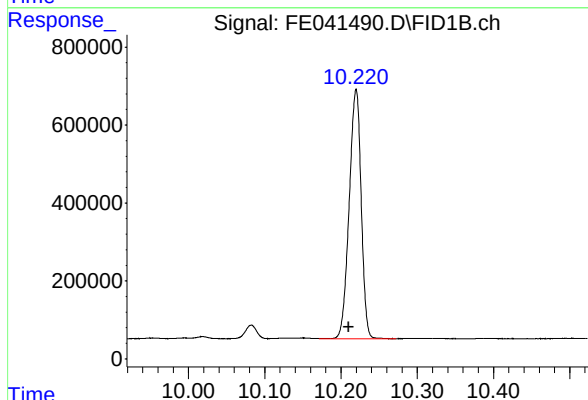
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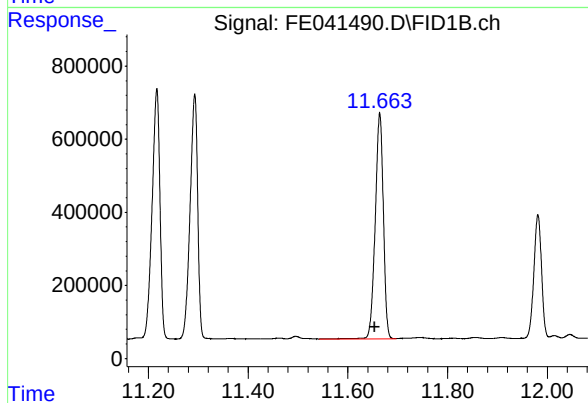
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.010 min
Response: 6905162
Conc: 45.46 ug/ml



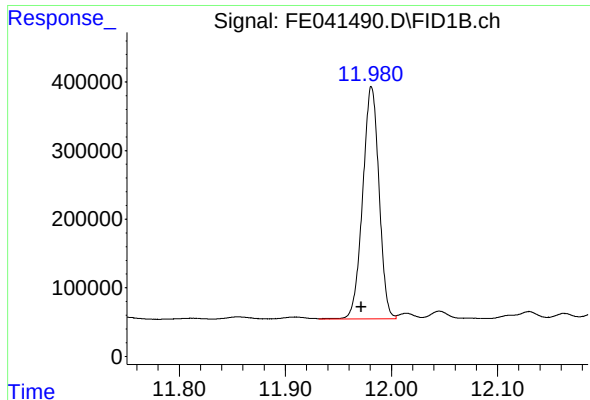
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.010 min
Response: 6988658
Conc: 43.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.010 min
Response: 7006084
Conc: 42.74 ug/ml



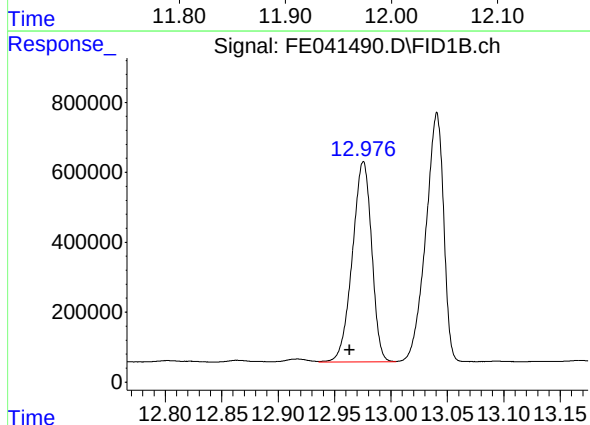
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.010 min
Response: 3627057
Conc: 19.33 ug/ml

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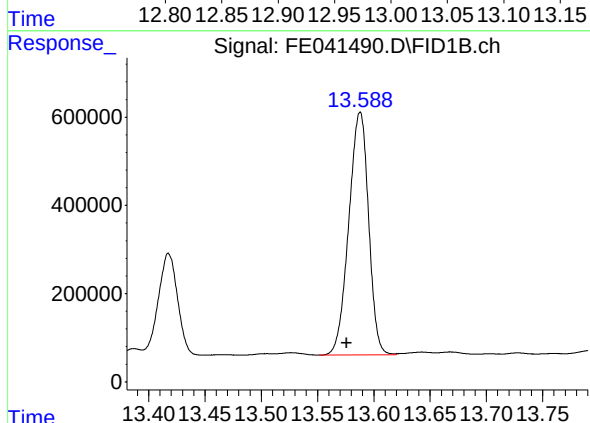
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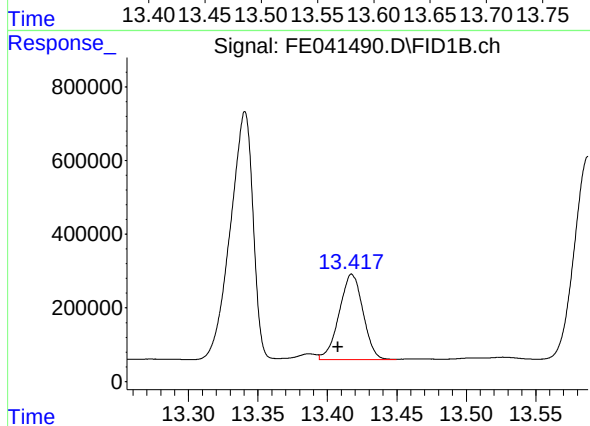
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.012 min
Response: 6827594
Conc: 42.45 ug/ml



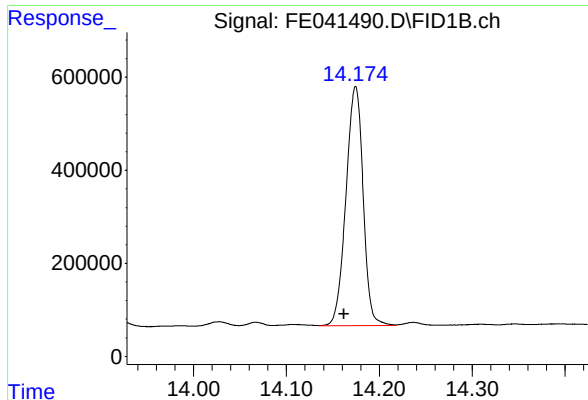
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.012 min
Response: 6739423
Conc: 42.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.010 min
Response: 2771785
Conc: 19.62 ug/ml



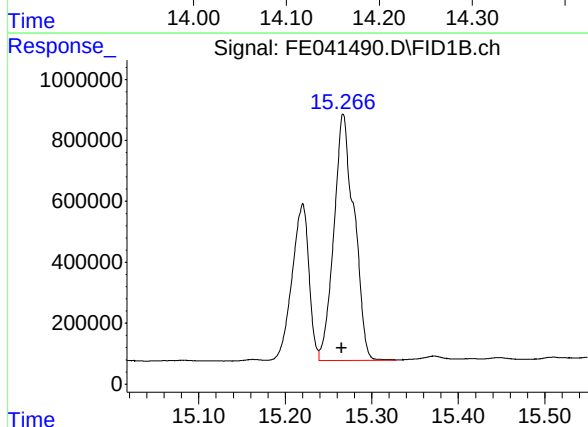
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.013 min
Response: 6610763
Conc: 41.49 ug/ml

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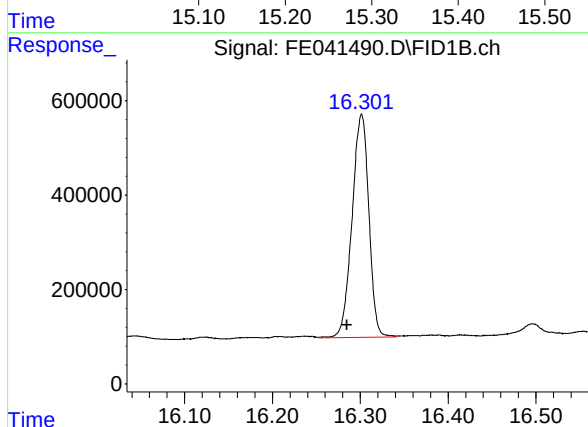
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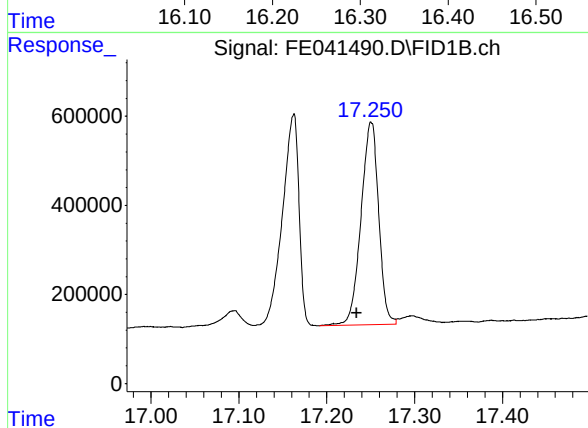
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.002 min
Response: 13143435
Conc: 81.52 ug/ml



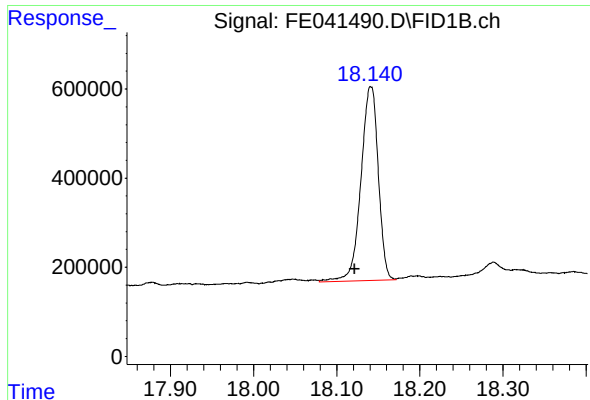
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.017 min
Response: 6278503
Conc: 39.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.017 min
Response: 6362314
Conc: 41.35 ug/ml



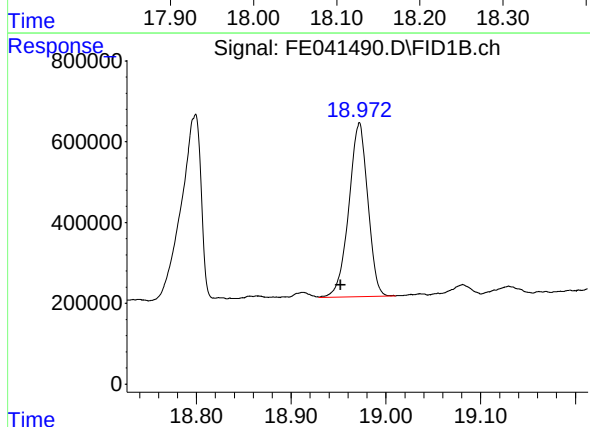
#17 n-Tricontane (C30)

R.T.: 18.141 min
Delta R.T.: 0.020 min
Response: 6316971
Conc: 41.48 ug/ml

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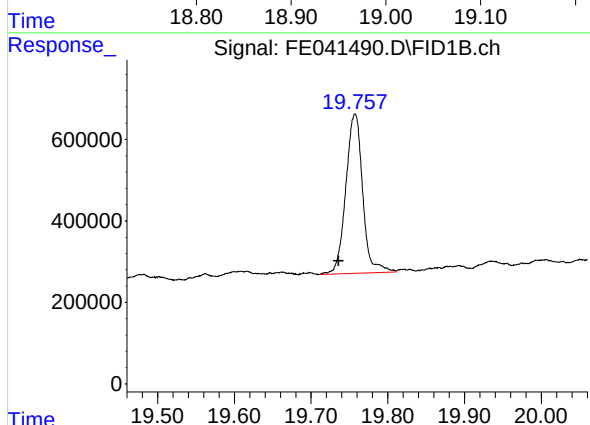
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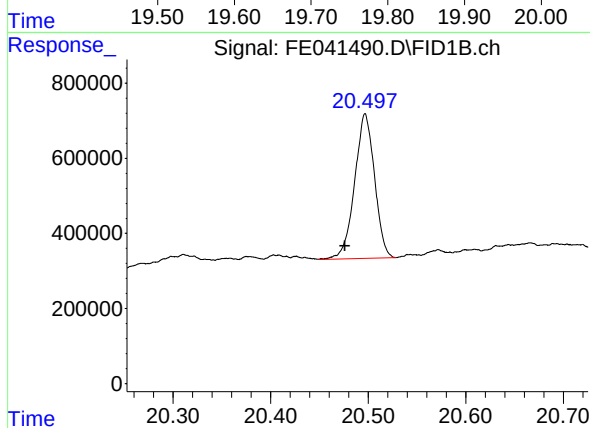
#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: 0.020 min
Response: 5994697
Conc: 40.24 ug/ml



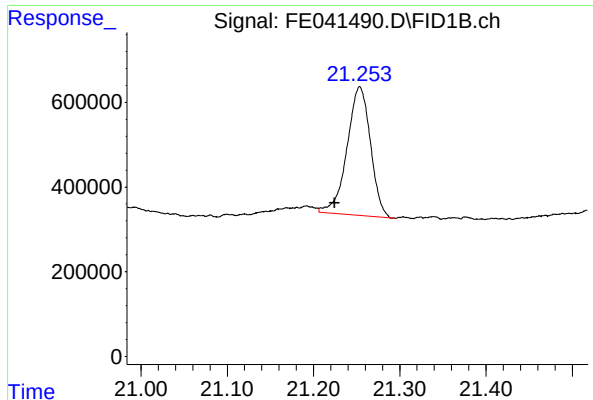
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.021 min
Response: 5981775
Conc: 42.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.497 min
Delta R.T.: 0.021 min
Response: 5468516
Conc: 40.89 ug/ml m



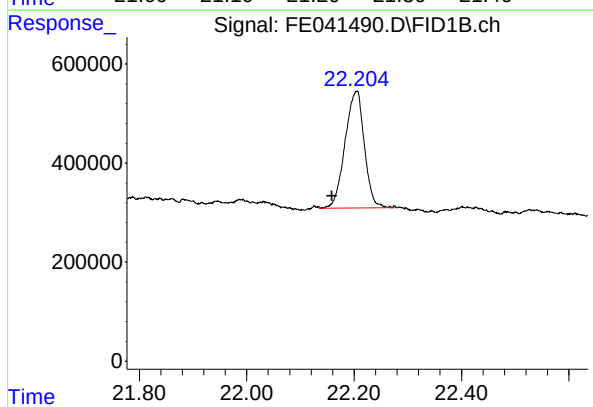
#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: 0.029 min
Response: 5730385
Conc: 43.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.046 min
Response: 5891744
Conc: 46.53 ug/ml m