

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039636.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 19:10
 Operator : YP\AJ
 Sample : 01005-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-10323-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2023
 Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
 Quant Time: Jan 05 02:35:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.927	5735791	38.435 ug/mlm
Spiked Amount 50.000		Recovery =	76.87%
12) S 1-chlorooctadecane (S...	13.363	4658767	40.476 ug/mlm
Spiked Amount 50.000		Recovery =	80.95%
Target Compounds			
1) T n-Nonane (C9)	3.319	3251682	25.156 ug/ml
2) T n-Decane (C10)	4.570	3746811	29.405 ug/ml
3) T A~Naphthalene (C11.7)	6.272	4358087	30.148 ug/ml
4) T n-Dodecane (C12)	6.734	4200711	32.357 ug/ml
5) T A~2-methylnaphthalene...	7.367	4323478	31.924 ug/ml
6) T n-Tetradecane (C14)	8.561	4618702	34.855 ug/ml
7) T n-Hexadecane (C16)	10.167	5265217	38.272 ug/ml
8) T n-Octadecane (C18)	11.610	5689457	40.621 ug/ml
10) T n-Eicosane (C20)	12.919	5587526	40.932 ug/ml
11) T n-Heneicosane (C21)	13.531	5559539	40.762 ug/mlm
13) T n-Docosane (C22)	14.117	5570569	41.180 ug/ml
14) T n-Tetracosane (C24)	15.213	4371222	32.563 ug/mlm
15) T n-Hexacosane (C26)	16.242	5384687	41.354 ug/ml
16) T n-Octacosane (C28)	17.190	5277460	41.005 ug/ml
17) T n-Tricontane (C30)	18.078	5075566	39.422 ug/mlm
18) T n-Dotriacontane (C32)	18.911	5067045	39.128 ug/ml
19) T n-Tetratriacontane (C34)	19.694	4708325	37.320 ug/ml
20) T n-Hexatriacontane (C36)	20.434	4139509	34.234 ug/ml
21) T n-Octatriacontane (C38)	21.170	3880137	31.419 ug/ml
22) T n-Tetracontane (C40)	22.078	3854101	30.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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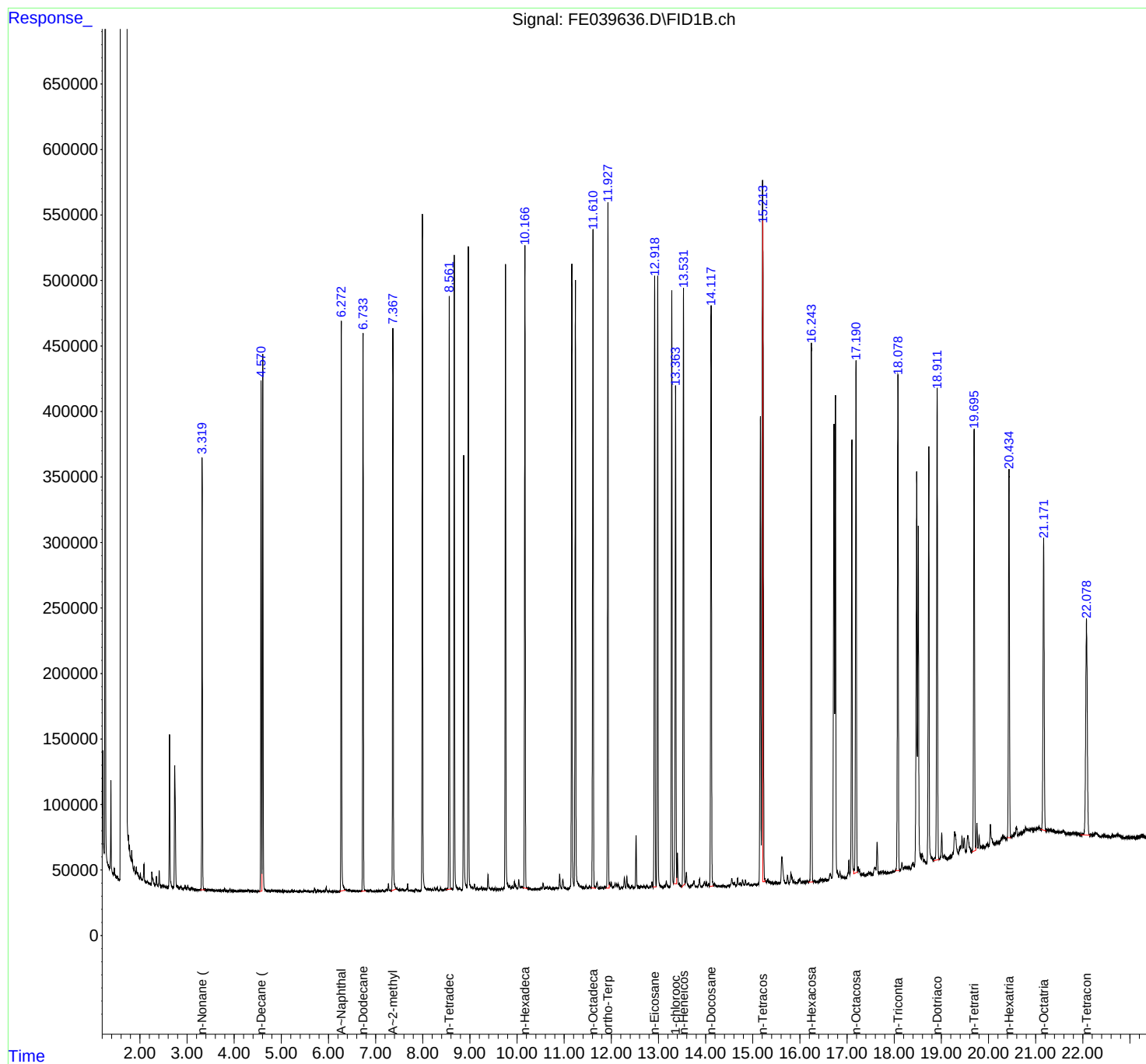
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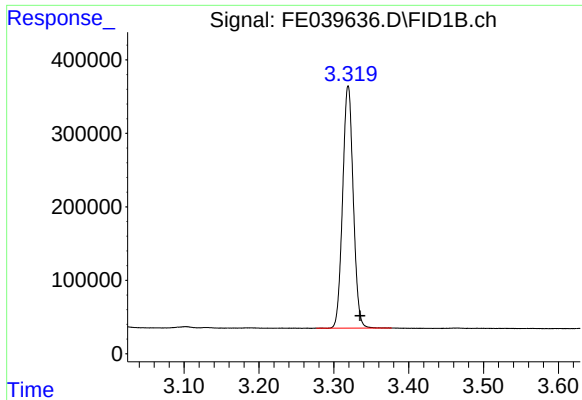
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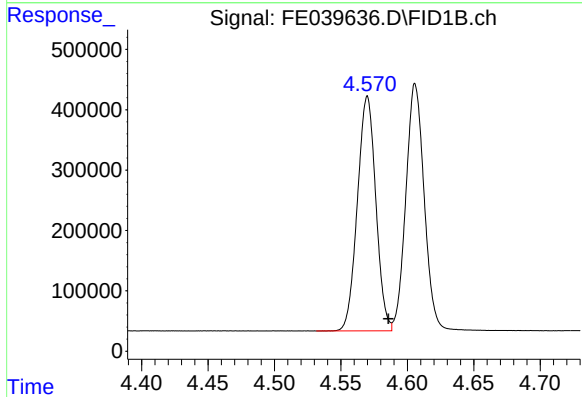
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 3251682
Conc: 25.16 ug/ml

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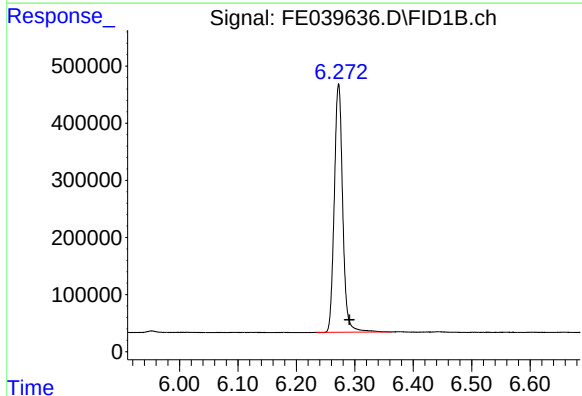
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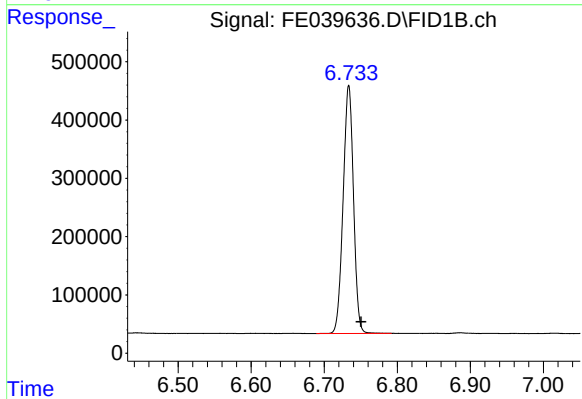
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.016 min
Response: 3746811
Conc: 29.41 ug/ml



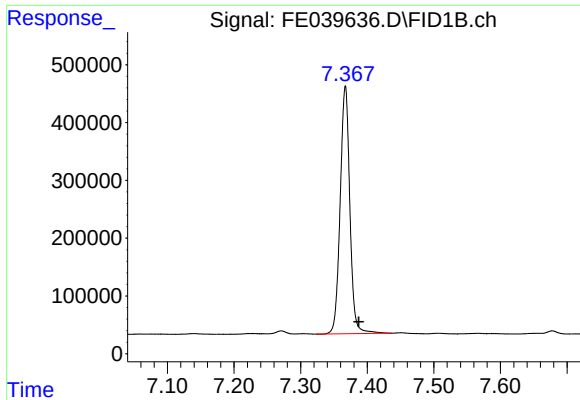
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.019 min
Response: 4358087
Conc: 30.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.017 min
Response: 4200711
Conc: 32.36 ug/ml



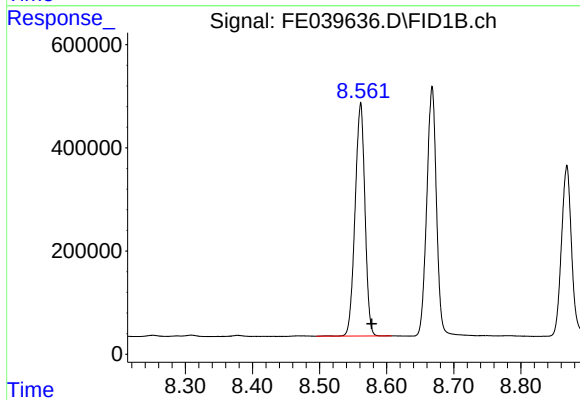
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 4323478
Conc: 31.92 ug/ml

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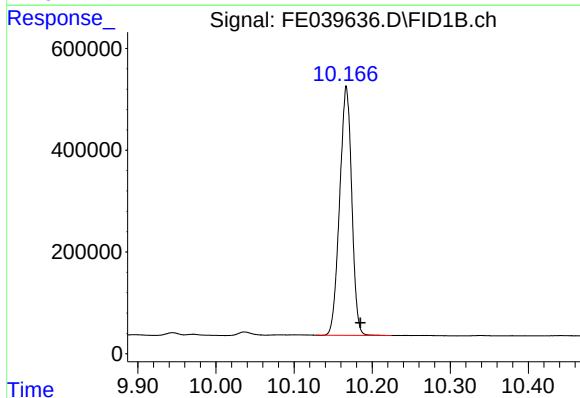
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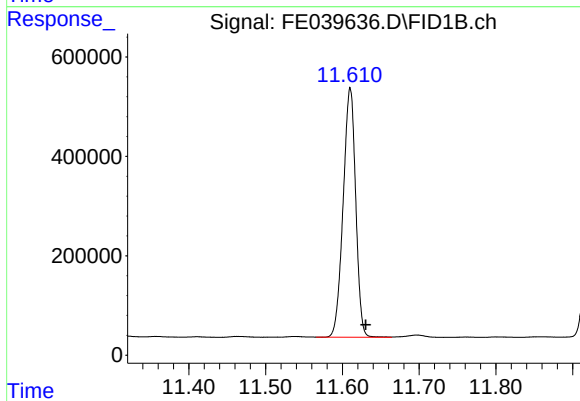
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.017 min
Response: 4618702
Conc: 34.86 ug/ml



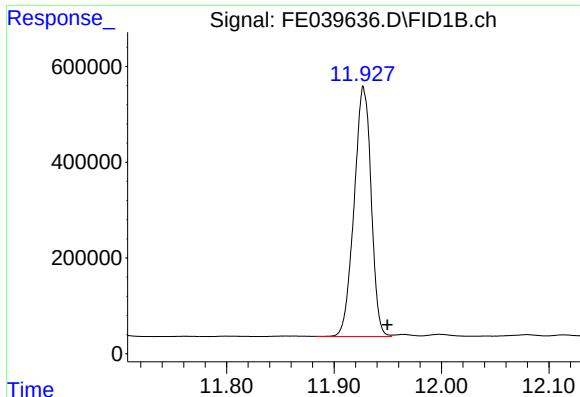
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 5265217
Conc: 38.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.020 min
Response: 5689457
Conc: 40.62 ug/ml



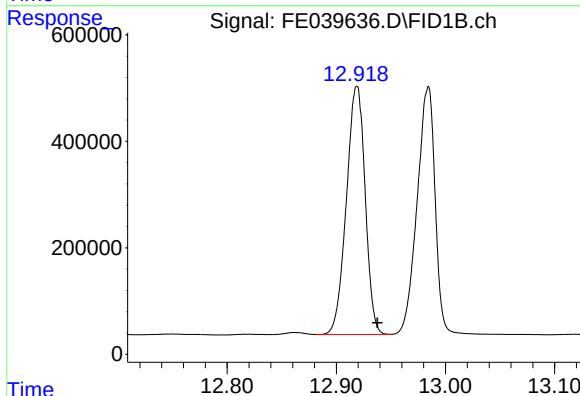
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 5735791
Conc: 38.44 ug/ml

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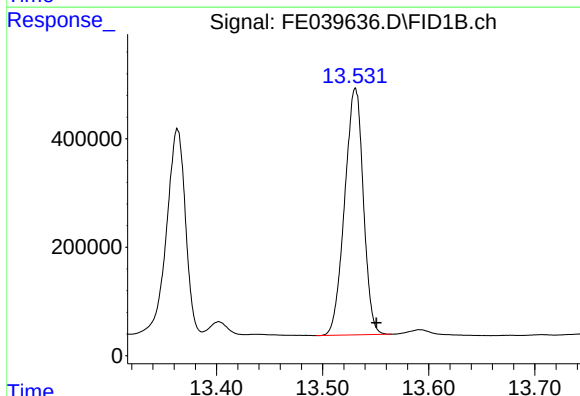
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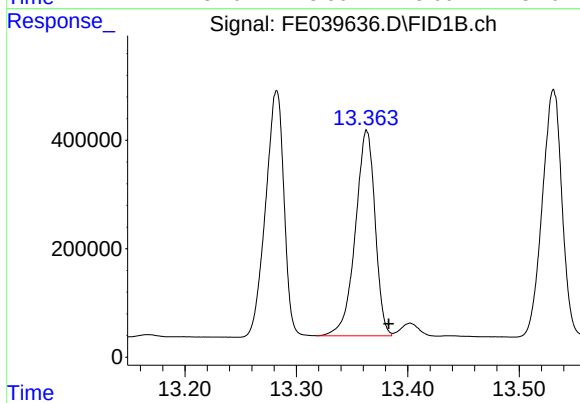
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.019 min
Response: 5587526
Conc: 40.93 ug/ml



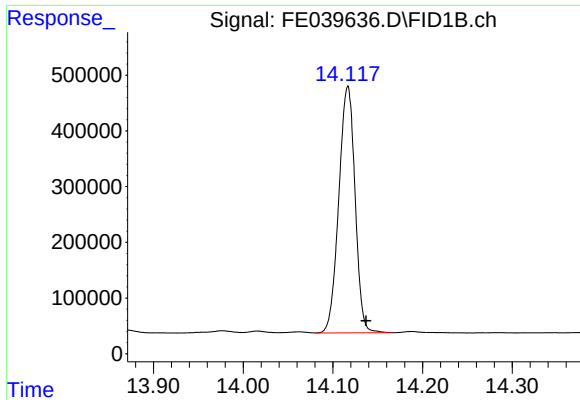
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.020 min
Response: 5559539
Conc: 40.76 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.020 min
Response: 4658767
Conc: 40.48 ug/ml m



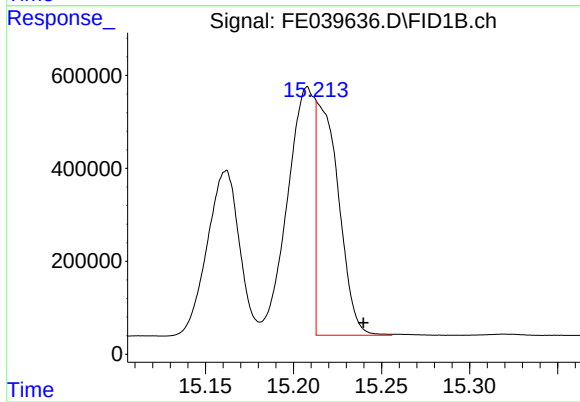
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 5570569
Conc: 41.18 ug/ml

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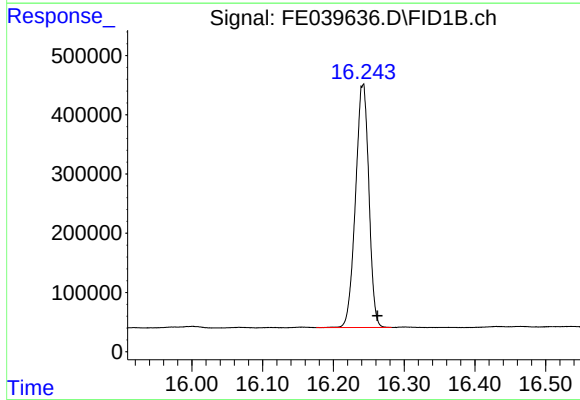
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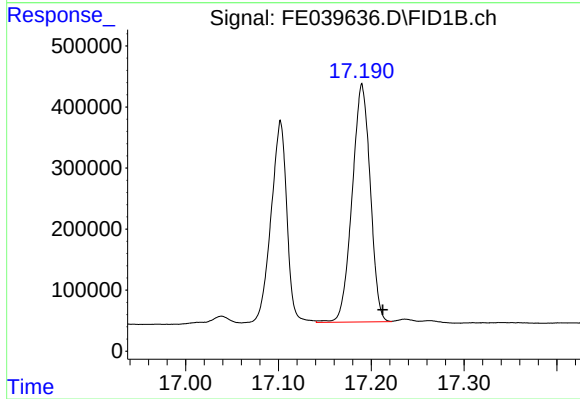
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.027 min
Response: 4371222
Conc: 32.56 ug/ml m



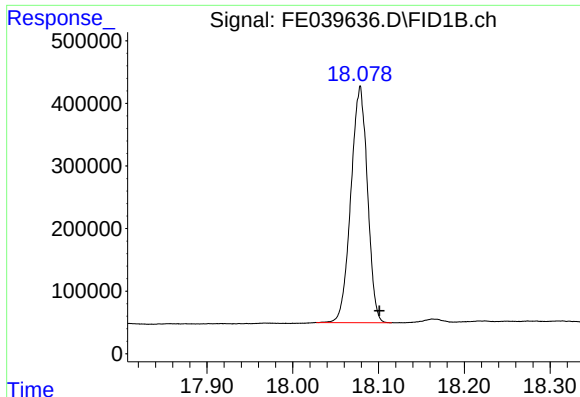
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.020 min
Response: 5384687
Conc: 41.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.022 min
Response: 5277460
Conc: 41.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 5075566
Conc: 39.42 ug/ml

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FID_E

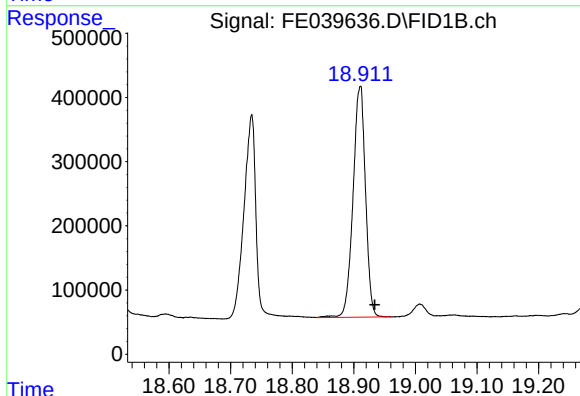
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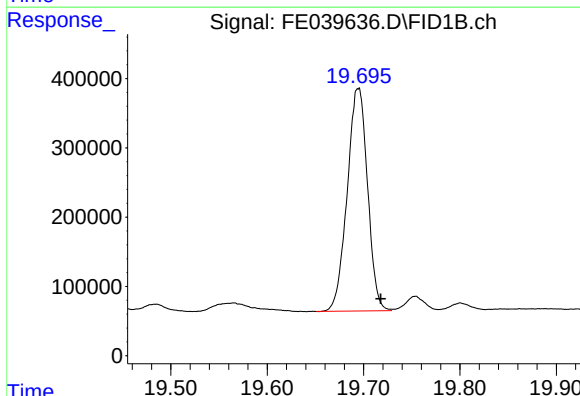
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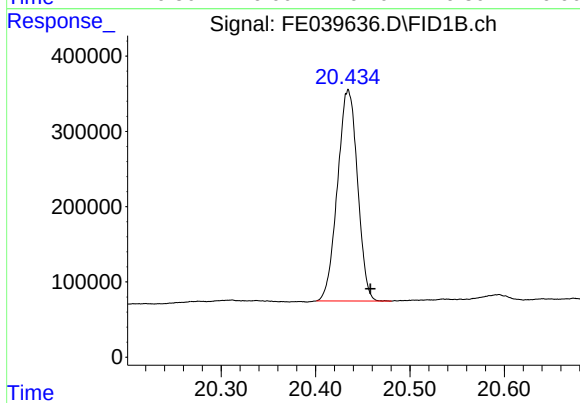
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.024 min
Response: 5067045
Conc: 39.13 ug/ml



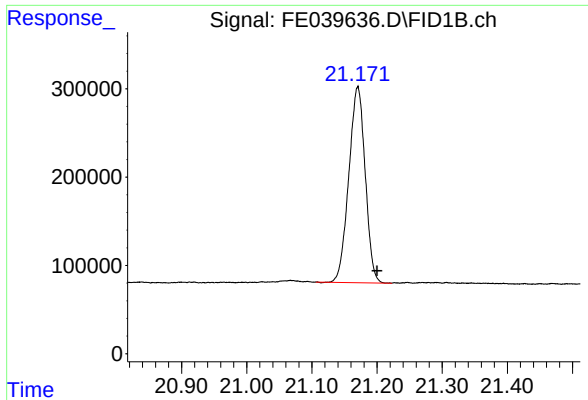
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.023 min
Response: 4708325
Conc: 37.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.024 min
Response: 4139509
Conc: 34.23 ug/ml



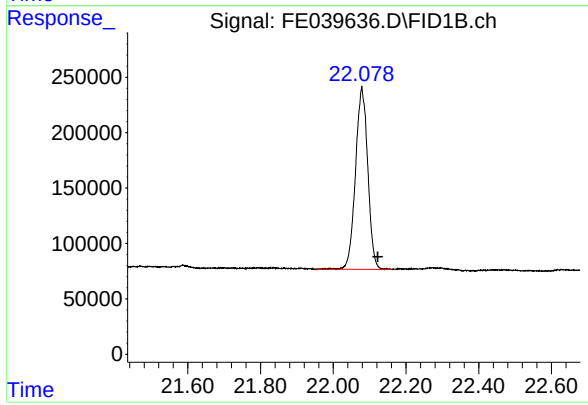
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.029 min
Response: 3880137
Conc: 31.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.044 min
Response: 3854101
Conc: 30.69 ug/ml